

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067718.D
 Acq On : 20 Nov 2020 12:14
 Operator : VA/SY
 Sample : VD1120SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:36:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	262999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	379056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	345294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175216	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	106830	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	7.91	113	107342	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	10.34	98	366058	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	
62) 4-Bromofluorobenzene	12.64	95	137761	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	53550	22.668	ug/l	98
3) Chloromethane	2.21	50	30279	18.488	ug/l	98
4) Vinyl Chloride	2.35	62	34899	19.113	ug/l	97
5) Bromomethane	2.76	94	29724	20.084	ug/l	93
6) Chloroethane	2.92	64	23263	20.665	ug/l	96
7) Trichlorofluoromethane	3.27	101	105295	22.271	ug/l	95
8) Diethyl Ether	3.71	74	19991	20.985	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	52324	21.925	ug/l	99
10) Methyl Iodide	4.30	142	47319	18.500	ug/l	97
11) Tert butyl alcohol	5.19	59	12684	117.267	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	44785	20.402	ug/l	87
13) Acrolein	3.93	56	3785	61.230	ug/l	89
14) Allyl chloride	4.71	41	46155	19.646	ug/l	97
15) Acrylonitrile	5.41	53	36550	103.791	ug/l	98
16) Acetone	4.16	43	35857	104.197	ug/l	93
17) Carbon Disulfide	4.41	76	126083	18.744	ug/l	99
18) Methyl Acetate	4.71	43	15462	21.743	ug/l #	81
19) Methyl tert-butyl Ether	5.48	73	95588	22.076	ug/l	97
20) Methylene Chloride	4.96	84	59994	24.680	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	54358	21.261	ug/l	95
22) Diisopropyl ether	6.36	45	95005	20.752	ug/l	97
23) Vinyl Acetate	6.30	43	247766	103.388	ug/l	99
24) 1,1-Dichloroethane	6.27	63	76675	20.472	ug/l	95
25) 2-Butanone	7.21	43	39922	108.569	ug/l #	88
26) 2,2-Dichloropropane	7.20	77	92691	23.449	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	56008	21.105	ug/l	97
28) Bromochloromethane	7.54	49	25036	18.792	ug/l	88
29) Tetrahydrofuran	7.57	42	21899	99.424	ug/l	94
30) Chloroform	7.71	83	100658	22.527	ug/l	99
31) Cyclohexane	7.99	56	62191	18.646	ug/l #	74
32) 1,1,1-Trichloroethane	7.91	97	103942	22.546	ug/l	99
36) 1,1-Dichloropropene	8.11	75	72111	22.225	ug/l	97
37) Ethyl Acetate	7.29	43	17904	21.254	ug/l	98
38) Carbon Tetrachloride	8.10	117	95642	22.687	ug/l	100

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 Data File : VD067718.D
 Acq On : 20 Nov 2020 12:14
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 Sample : VD1120SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:36:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	79850	20.909	ug/l	93
40) Benzene	8.35	78	191598	21.800	ug/l	92
41) Methacrylonitrile	7.53	41	12075	23.981	ug/l	94
42) 1,2-Dichloroethane	8.43	62	62985	23.194	ug/l	98
43) Isopropyl Acetate	8.45	43	35780	21.477	ug/l	99
44) Trichloroethene	9.12	130	63335	21.916	ug/l	85
45) 1,2-Dichloropropane	9.39	63	41149	21.655	ug/l	93
46) Dibromomethane	9.47	93	27198	22.511	ug/l	99
47) Bromodichloromethane	9.67	83	75334	22.940	ug/l	98
48) Methyl methacrylate	9.46	41	17618	20.482	ug/l	89
49) 1,4-Dioxane	9.46	88	5690	463.900	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	88863	111.532	ug/l	99
52) Toluene	10.41	92	134113	22.782	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	64108	22.793	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	73734	22.065	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	37052	23.177	ug/l	95
56) Ethyl methacrylate	10.66	69	35930	21.765	ug/l	98
57) 1,3-Dichloropropane	10.95	76	56872	22.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	84195	109.366	ug/l	96
59) 2-Hexanone	10.98	43	61809	110.950	ug/l	97
60) Dibromochloromethane	11.14	129	54031	22.848	ug/l	99
61) 1,2-Dibromoethane	11.25	107	35980	22.425	ug/l	97
64) Tetrachloroethene	10.88	164	57175	22.358	ug/l	97
65) Chlorobenzene	11.67	112	148605	22.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	59599	22.735	ug/l	98
67) Ethyl Benzene	11.75	91	257311	22.607	ug/l	96
68) m/p-Xylenes	11.86	106	198511	44.831	ug/l	98
69) o-Xylene	12.18	106	91087	23.040	ug/l	96
70) Styrene	12.20	104	157756	22.900	ug/l	99
71) Bromoform	12.36	173	32090	24.002	ug/l #	95
73) Isopropylbenzene	12.48	105	257302	22.722	ug/l	99
74) N-amyl acetate	12.29	43	32248	21.642	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	33873	21.936	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	47808	45.230	ug/l #	100
77) Bromobenzene	12.77	156	62702	22.546	ug/l	97
78) n-propylbenzene	12.83	91	289383	22.342	ug/l	98
79) 2-Chlorotoluene	12.91	91	166886	22.682	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	221696	22.918	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	11409	21.914	ug/l	98
82) 4-Chlorotoluene	13.01	91	182163	23.084	ug/l	99
83) tert-Butylbenzene	13.23	119	191509	23.360	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	224935	23.360	ug/l	98
85) sec-Butylbenzene	13.41	105	255022	23.043	ug/l	100
86) p-Isopropyltoluene	13.52	119	253769	23.745	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	124525	23.466	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	121272	22.570	ug/l	98
89) n-Butylbenzene	13.84	91	209547	22.699	ug/l	100
90) Hexachloroethane	14.11	117	46072	22.892	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	108263	23.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6309	23.076	ug/l	99

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 21 00:36:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

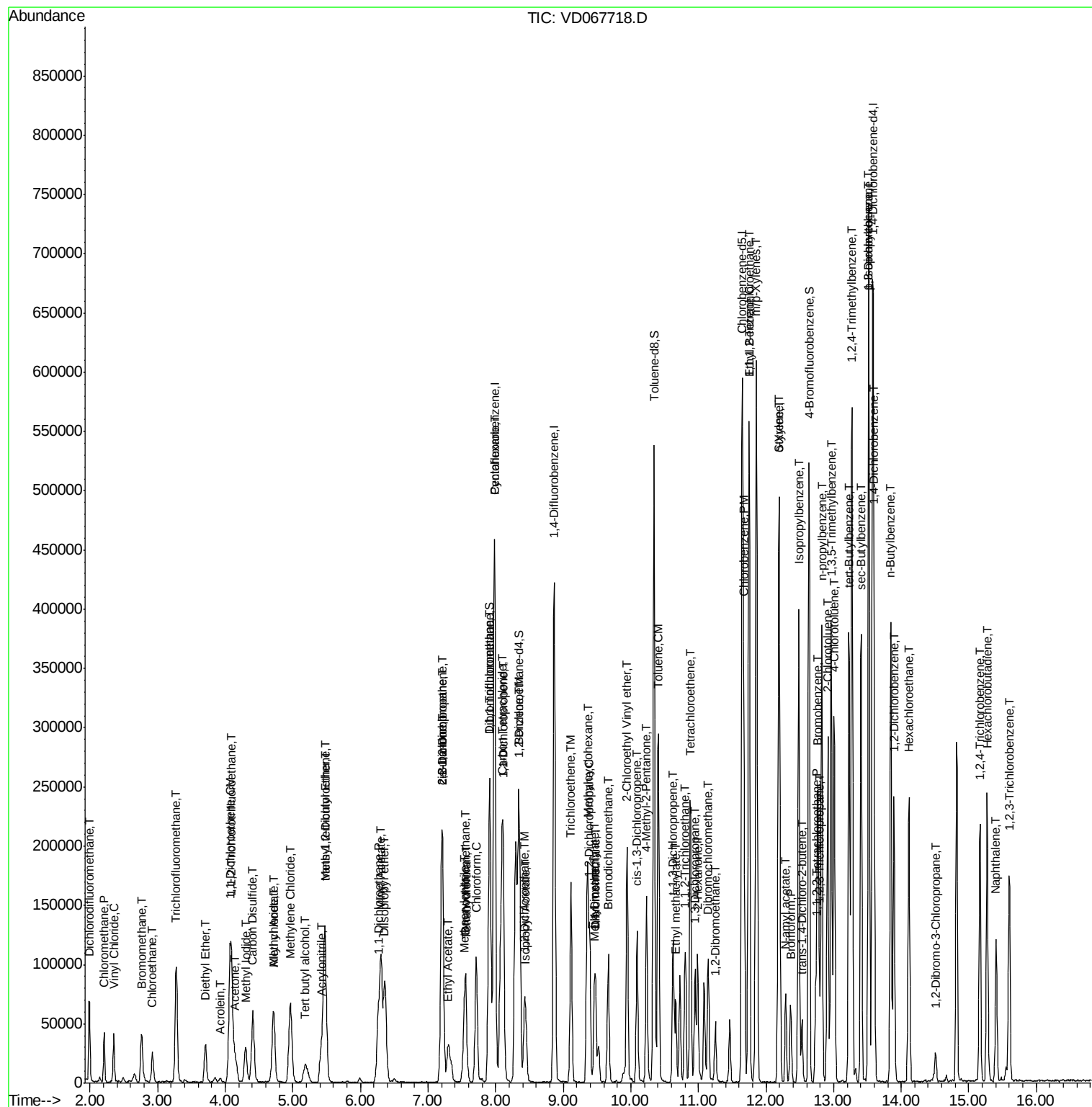
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	72037	23.110	ug/l	100
94) Hexachlorobutadiene	15.27	225	47852	22.938	ug/l	97
95) Naphthalene	15.40	128	112851	23.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	61144	22.906	ug/l	96

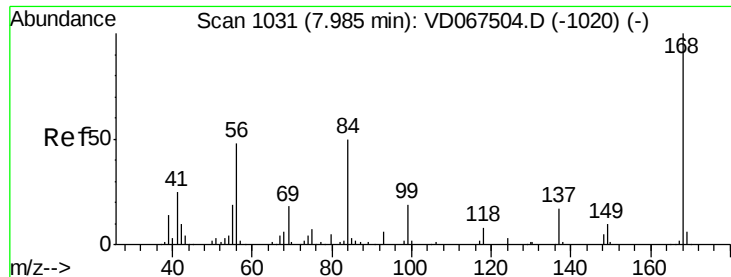
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067718.D
 Acq On : 20 Nov 2020 12:14
 Operator : VA/SY
 Sample : VD1120SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:36:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

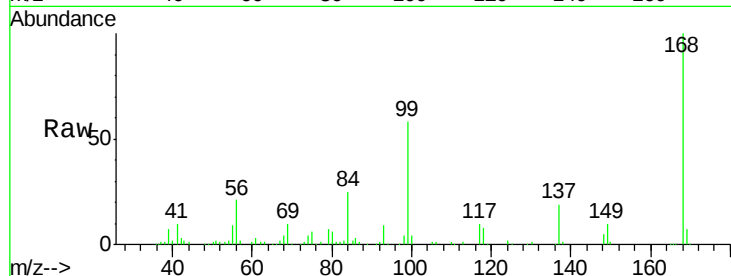
ClientSampleId :

Tot Ion:168 Resp: 262999

Ion Ratio Lower Upper

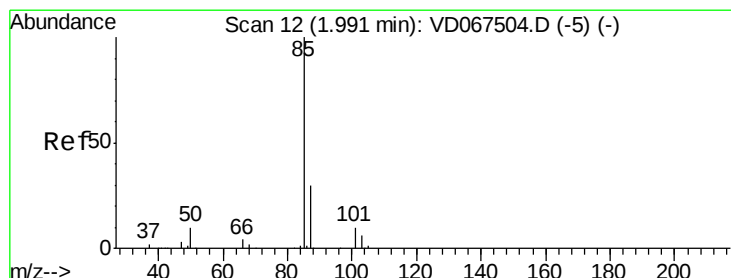
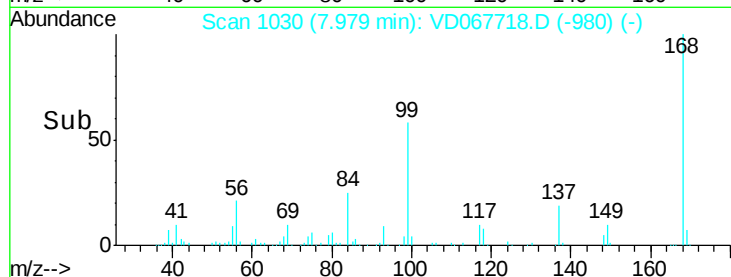
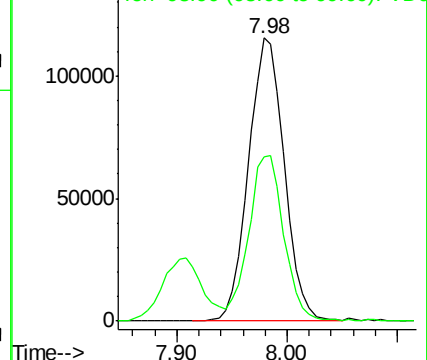
168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.668 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067718.D

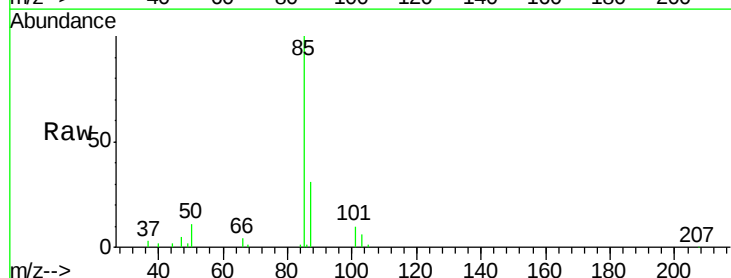
Acq: 20 Nov 2020 12:14

Tgt Ion: 85 Resp: 53550

Ion Ratio Lower Upper

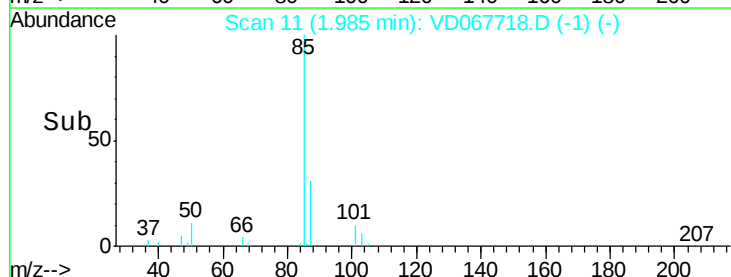
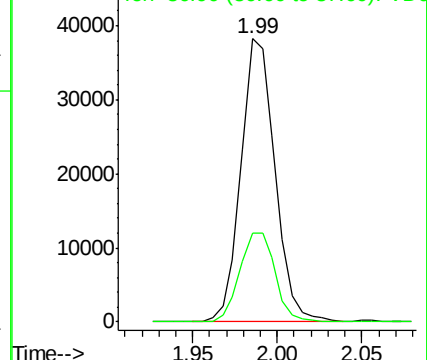
85 100

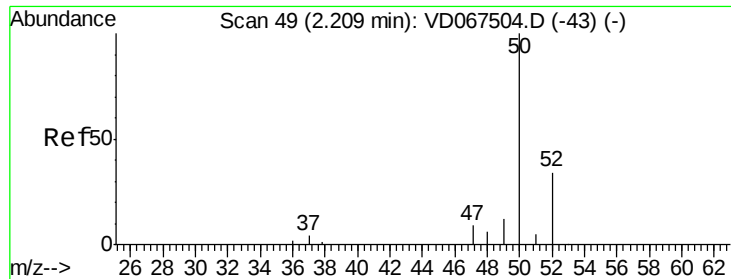
87 31.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.488 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

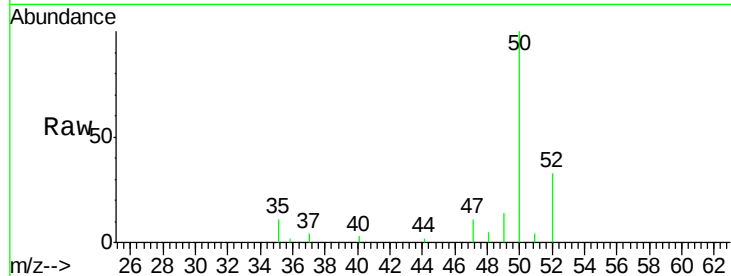
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 50 Resp: 30279

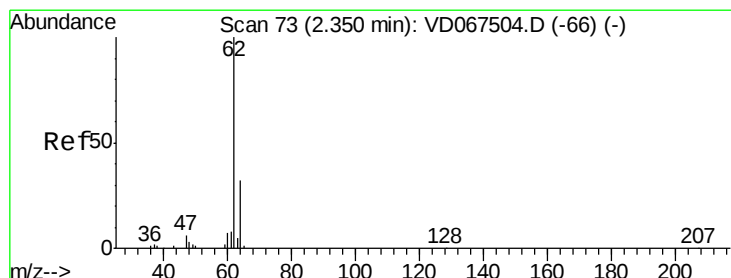
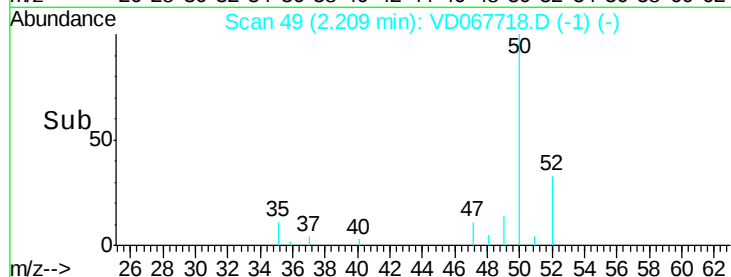
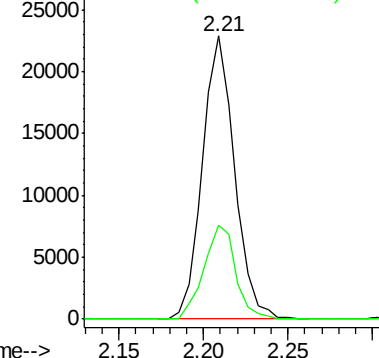
Ion Ratio Lower Upper

50 100

52 33.0 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC
Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.113 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067718.D

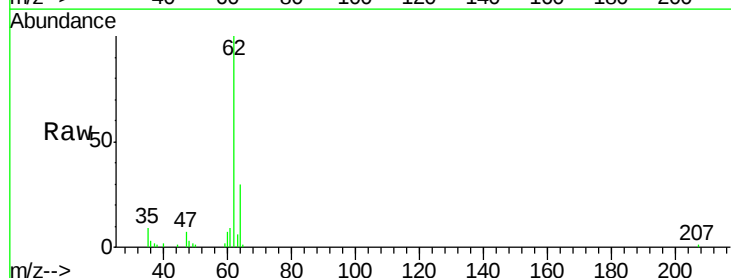
Acq: 20 Nov 2020 12:14

Tgt Ion: 62 Resp: 34899

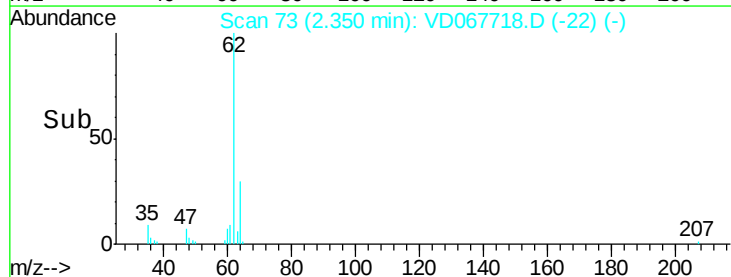
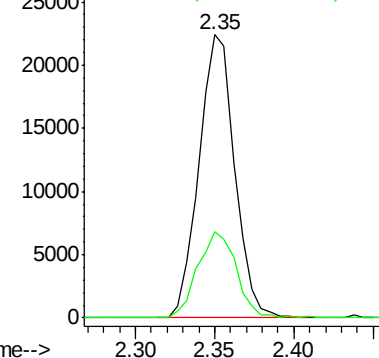
Ion Ratio Lower Upper

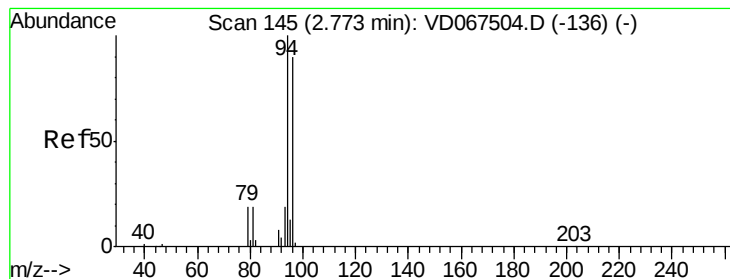
62 100

64 30.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.084 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

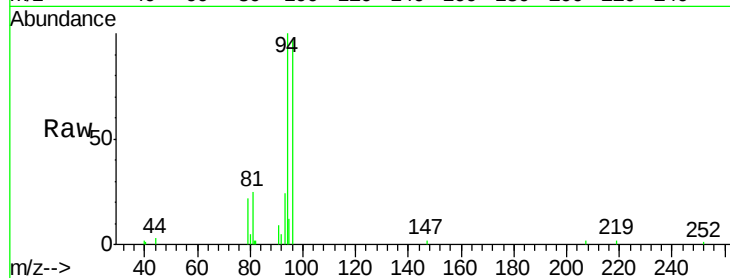
ClientSampled :

Tot Ion: 94 Resp: 29724

Ion Ratio Lower Upper

94 100

96 96.8 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

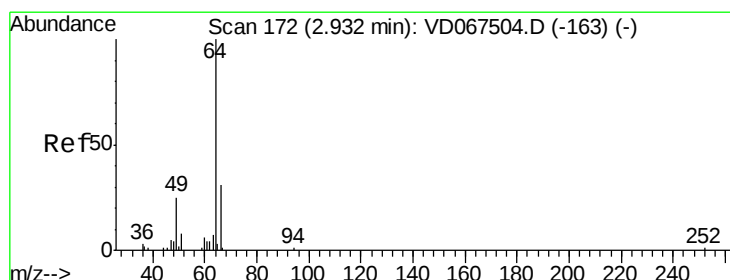
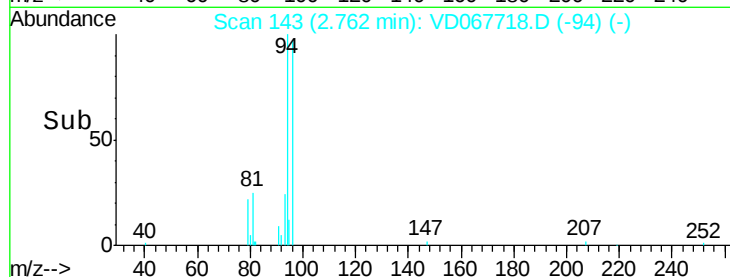
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.665 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067718.D

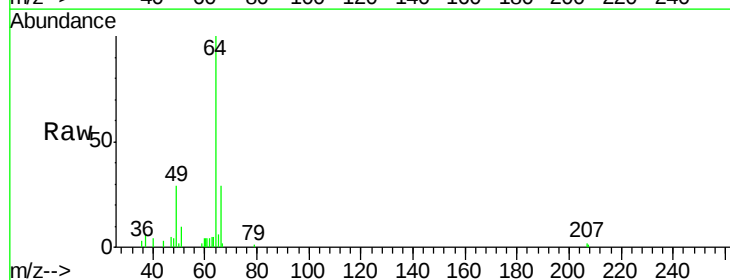
Acq: 20 Nov 2020 12:14

Tgt Ion: 64 Resp: 23263

Ion Ratio Lower Upper

64 100

66 28.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

12000

10000

8000

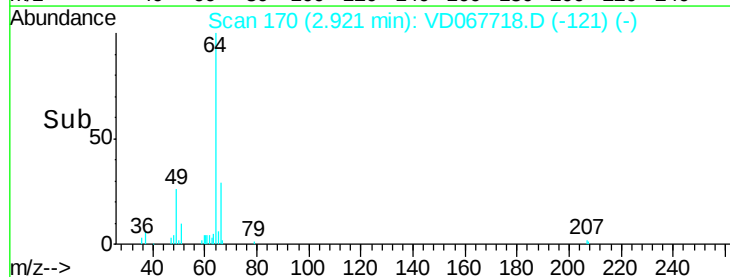
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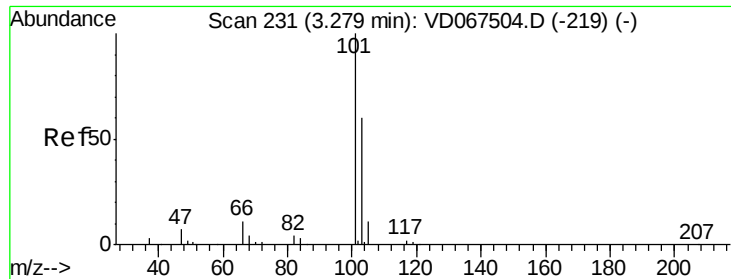
4000

2000

0

Time-->



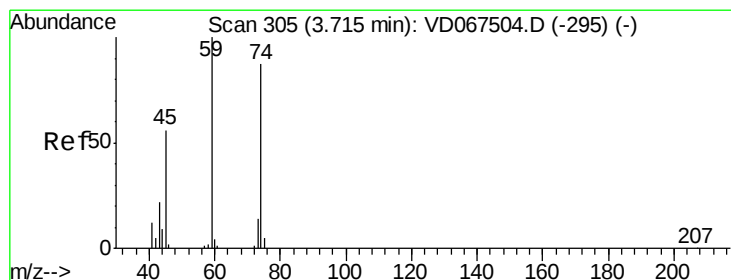
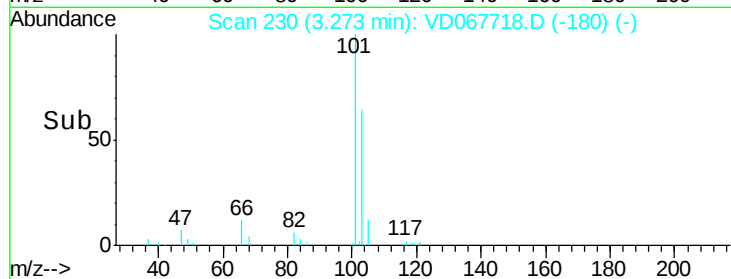
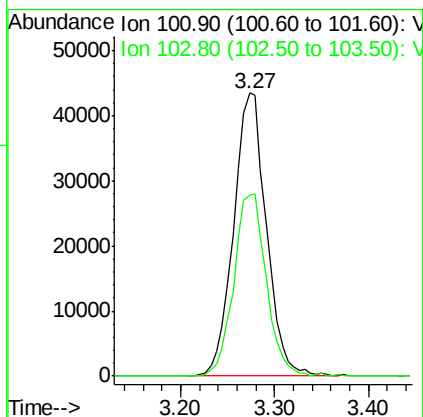
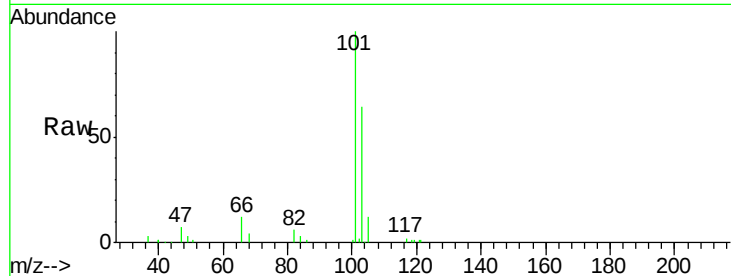


#7

Trichlorofluoromethane
 Concen: 22.271 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Instrument :
 MSVOA_D
 ClientSampleId :

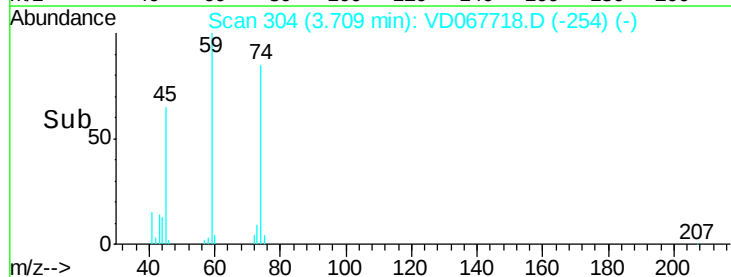
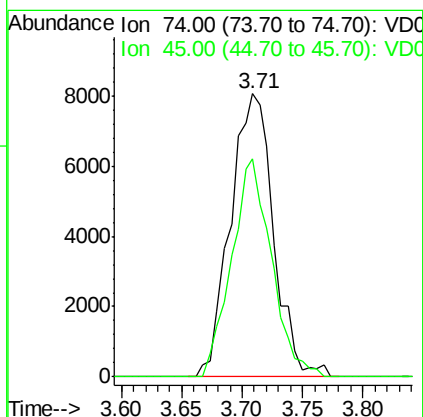
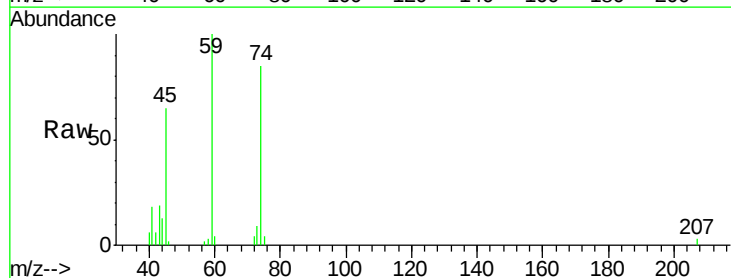
Tot Ion:101 Resp: 105295
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.1 72.1

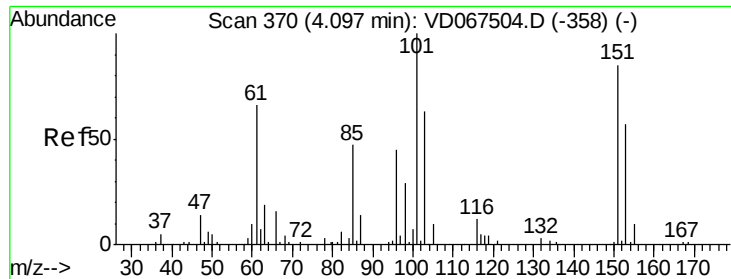


#8

Diethyl Ether
 Concen: 20.985 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Tgt Ion: 74 Resp: 19991
 Ion Ratio Lower Upper
 74 100
 45 71.5 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.925 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

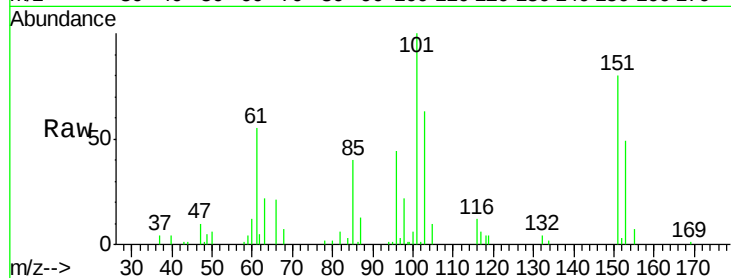
Tot Ion:101 Resp: 52324

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

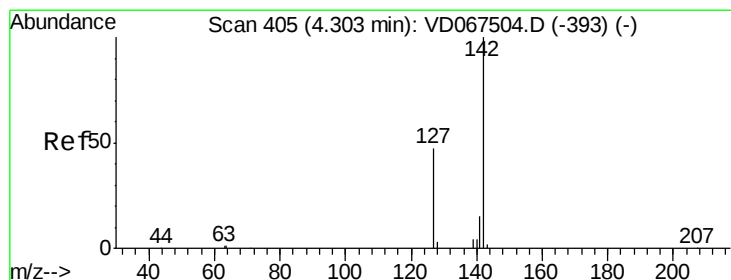
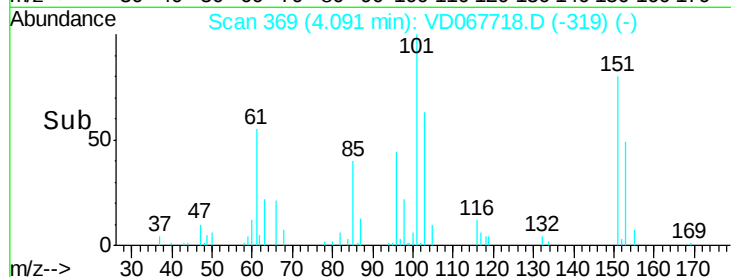
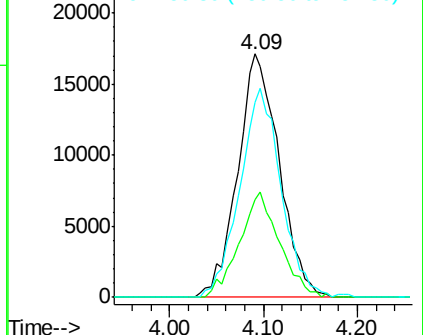
151 85.5 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.500 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

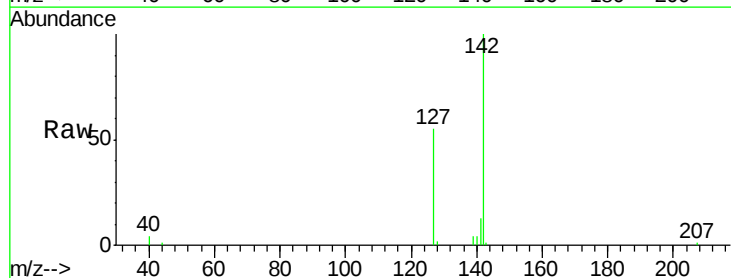
Tgt Ion:142 Resp: 47319

Ion Ratio Lower Upper

142 100

127 52.7 40.0 60.0

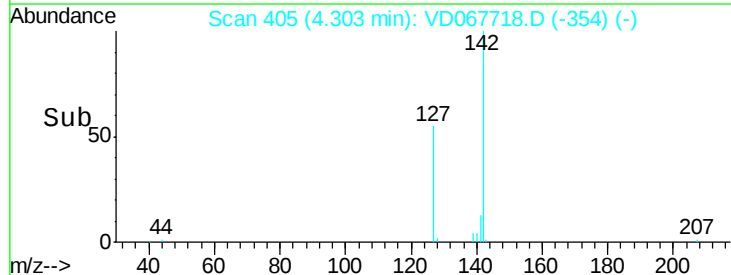
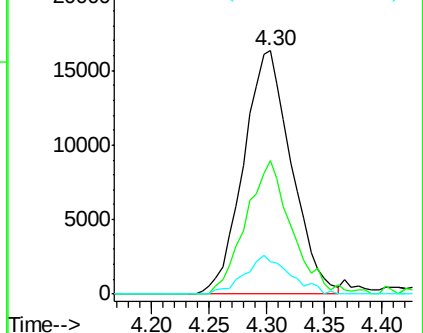
141 14.8 11.7 17.5

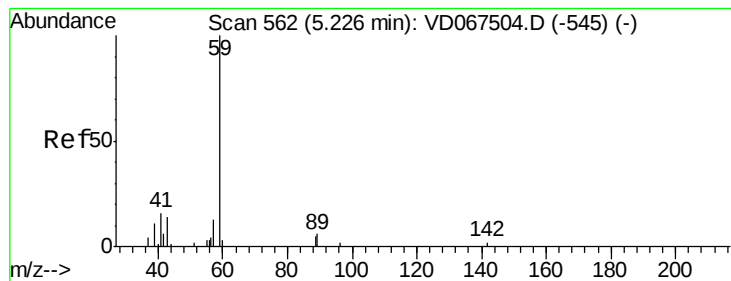


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



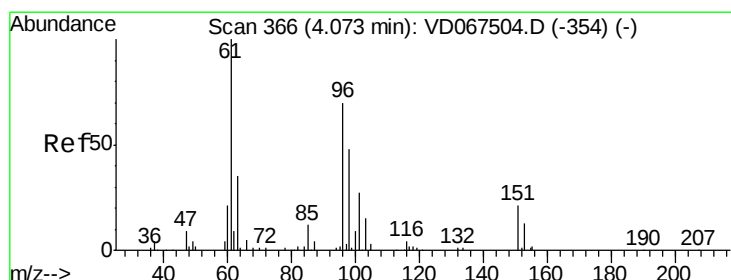
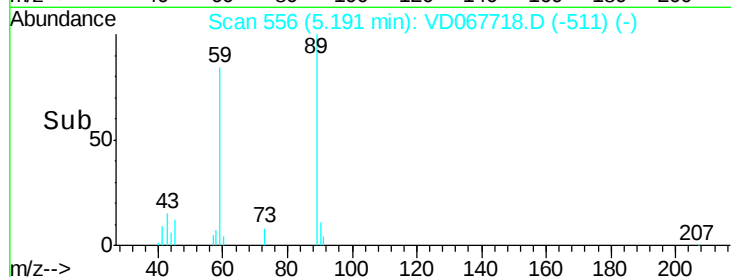
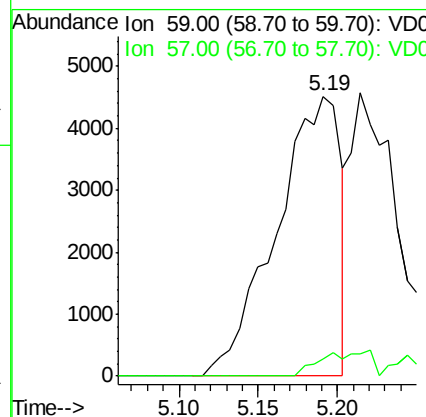
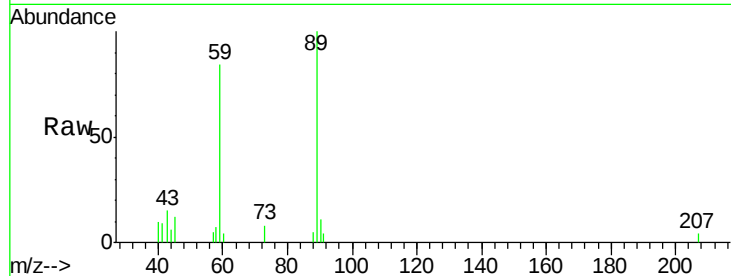


#11

Tert butyl alcohol
Concen: 117.267 ug/l
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

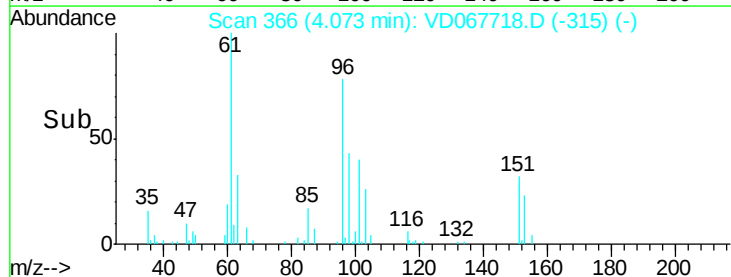
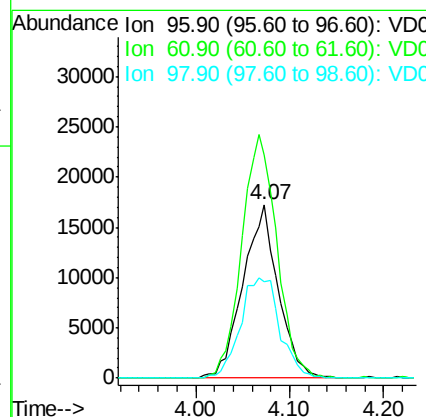
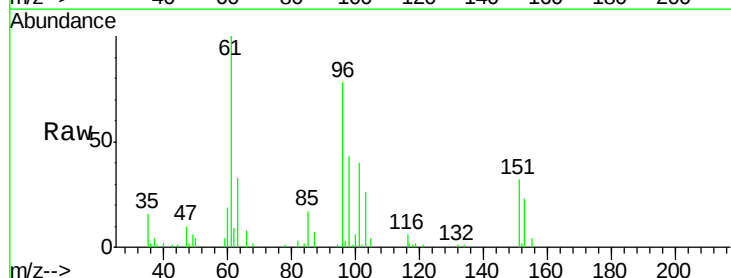
Tot Ion: 59 Resp: 12684
Ion Ratio Lower Upper
59 100
57 3.6 5.9 8.9#

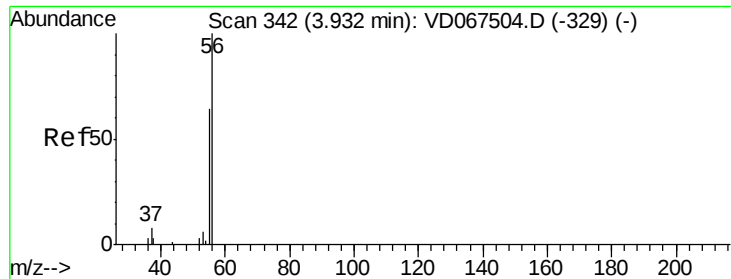


#12

1,1-Dichloroethene
Concen: 20.402 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion: 96 Resp: 44785
Ion Ratio Lower Upper
96 100
61 128.8 114.5 171.7
98 55.9 54.5 81.7





#13

Acrolein

Concen: 61.230 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

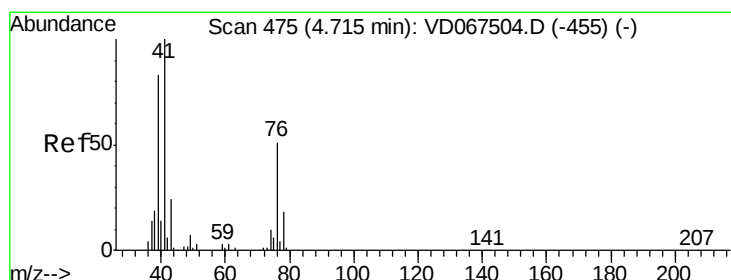
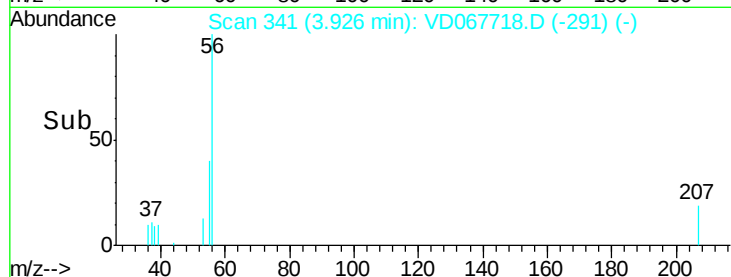
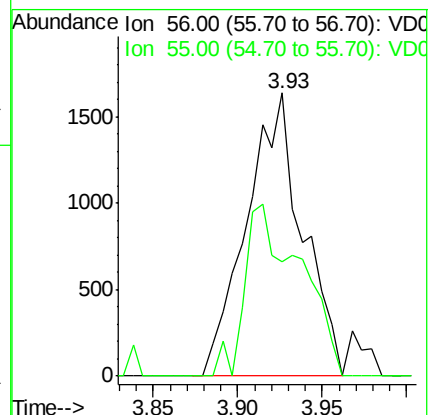
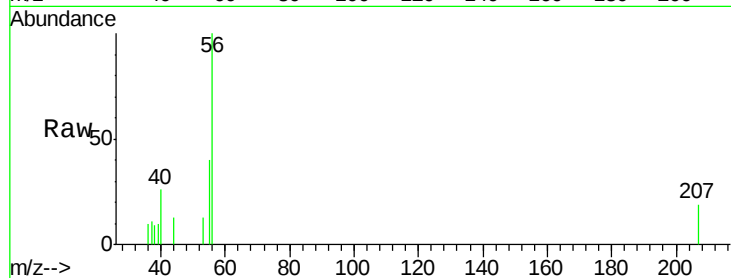
ClientSampleId :

Tot Ion: 56 Resp: 3785

Ion Ratio Lower Upper

56 100

55 60.4 55.8 83.8



#14

Allyl chloride

Concen: 19.646 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

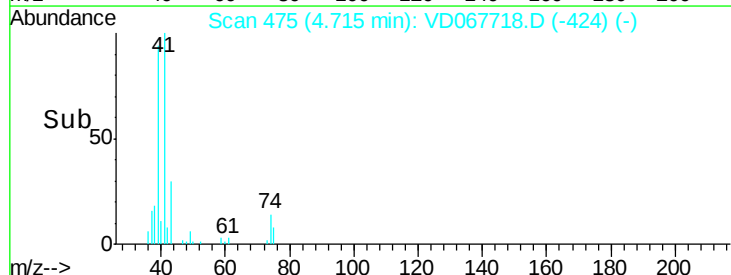
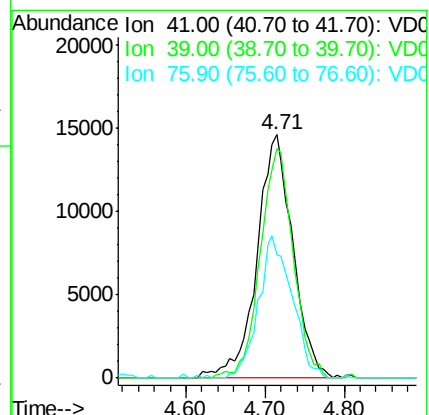
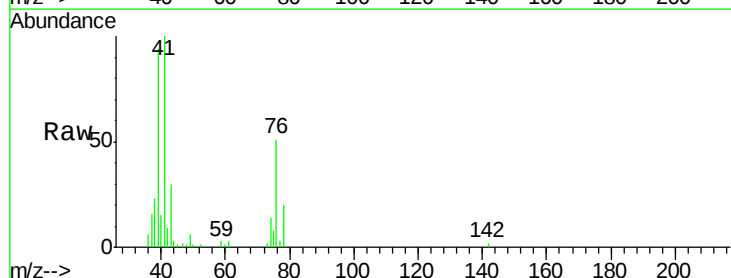
Tgt Ion: 41 Resp: 46155

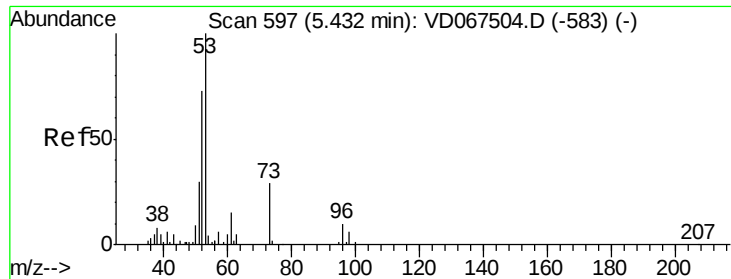
Ion Ratio Lower Upper

41 100

39 86.6 67.4 101.0

76 54.6 42.2 63.2





#15

Acrylonitrile

Concen: 103.791 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

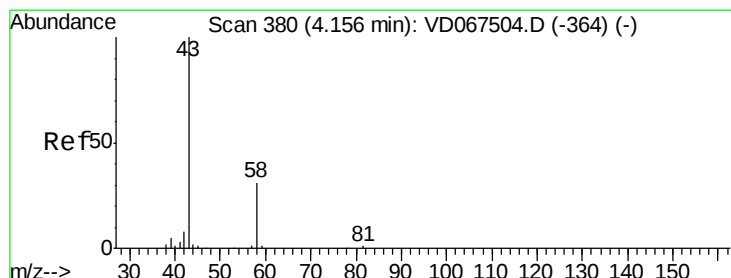
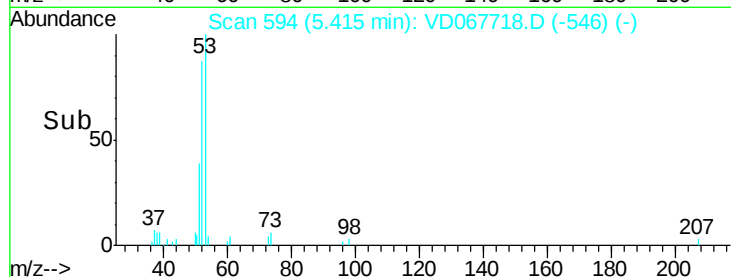
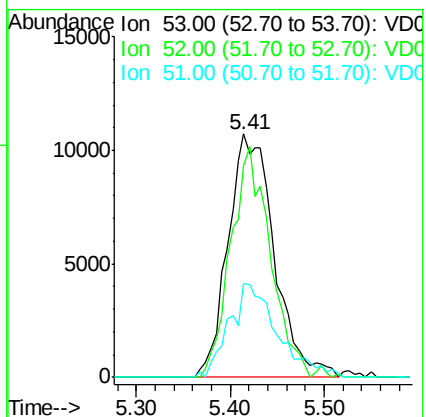
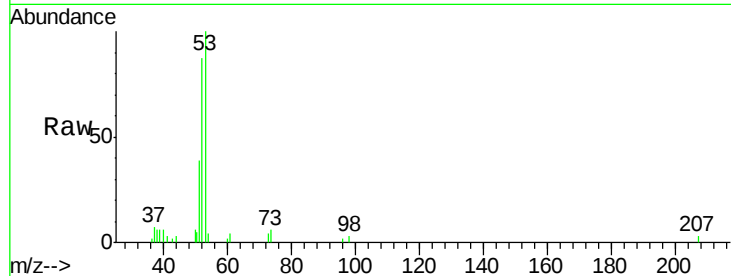
Tot Ion: 53 Resp: 36550

Ion Ratio Lower Upper

53 100

52 80.5 64.8 97.2

51 40.2 29.5 44.3



#16

Acetone

Concen: 104.197 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067718.D

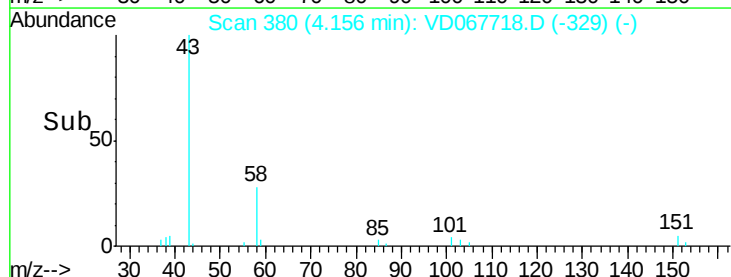
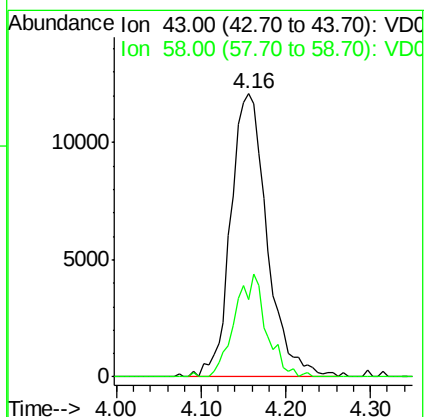
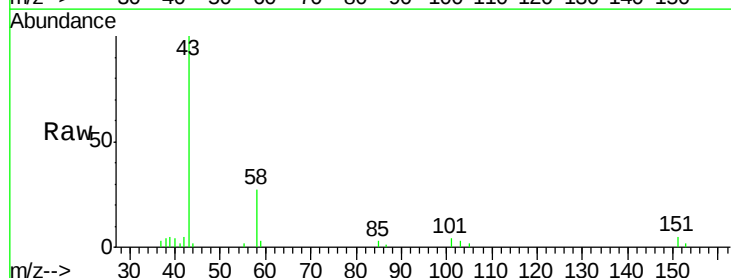
Acq: 20 Nov 2020 12:14

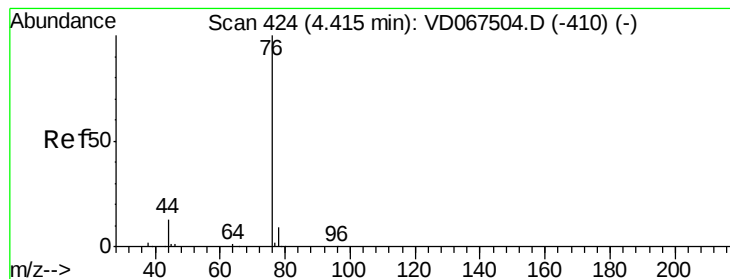
Tgt Ion: 43 Resp: 35857

Ion Ratio Lower Upper

43 100

58 27.4 25.2 37.8





#17

Carbon Disulfide

Concen: 18.744 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

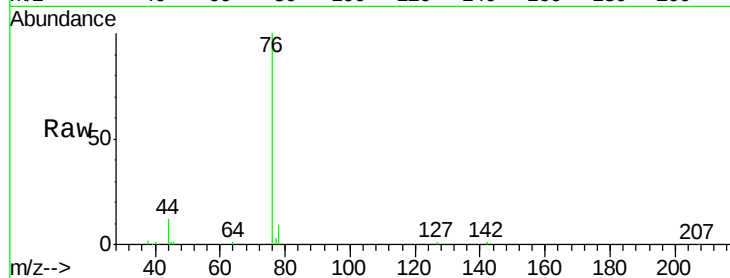
ClientSampled :

Tot Ion: 76 Resp: 126083

Ion Ratio Lower Upper

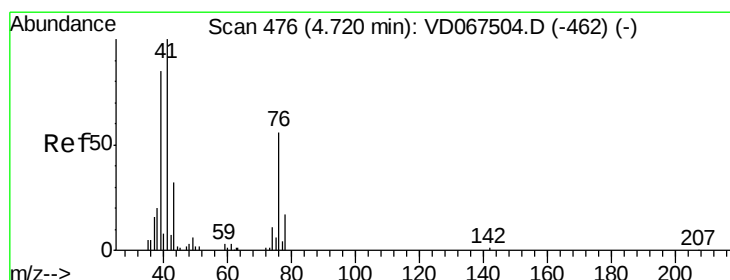
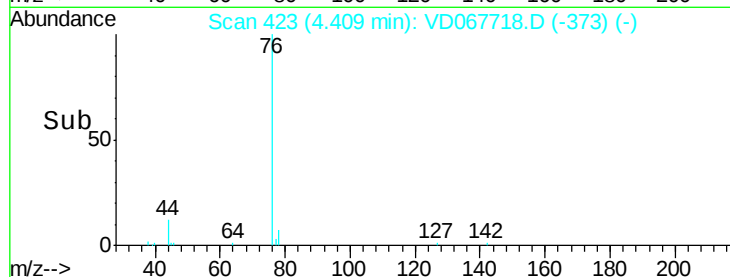
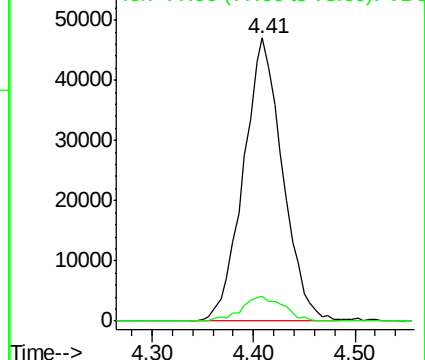
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 21.743 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067718.D

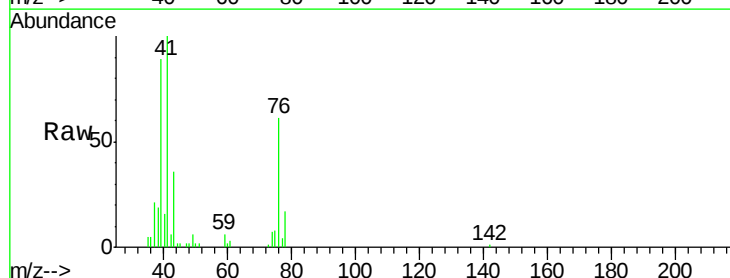
Acq: 20 Nov 2020 12:14

Tgt Ion: 43 Resp: 15462

Ion Ratio Lower Upper

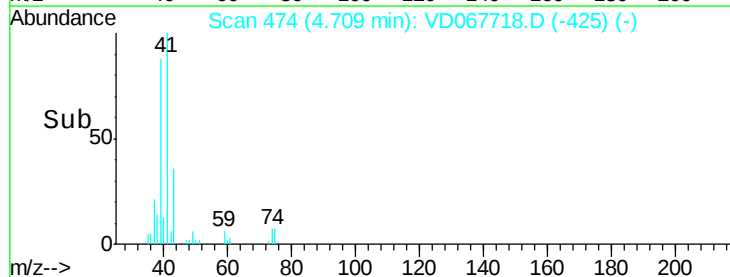
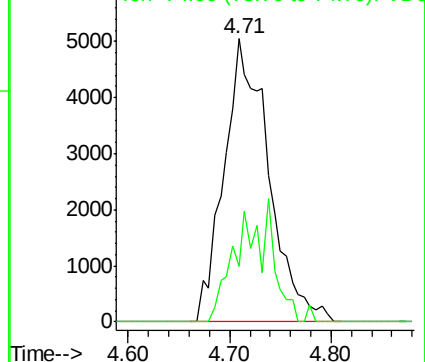
43 100

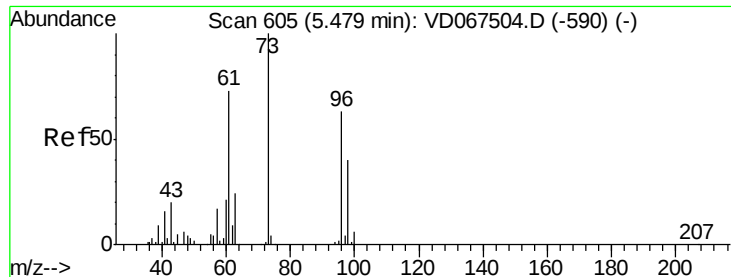
74 22.9 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

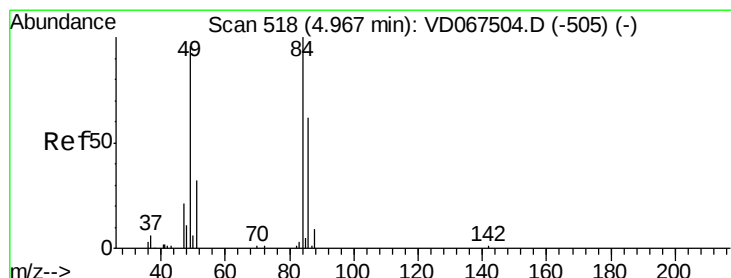
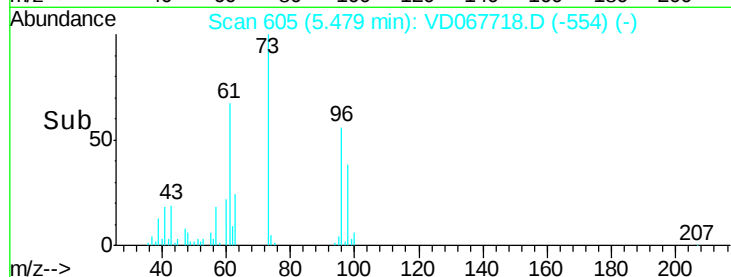
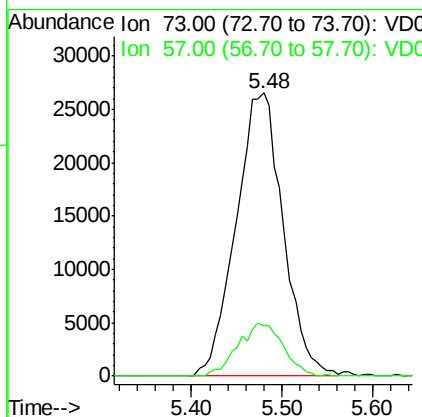
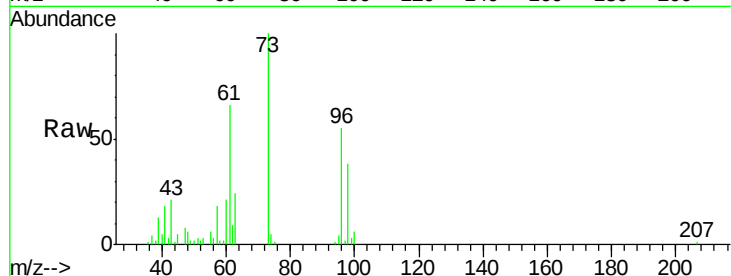




#19
Methyl tert-butyl Ether
Concen: 22.076 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

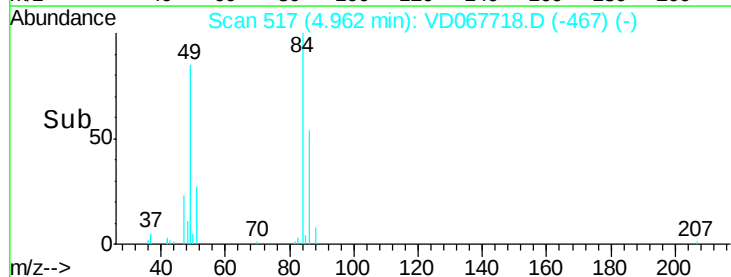
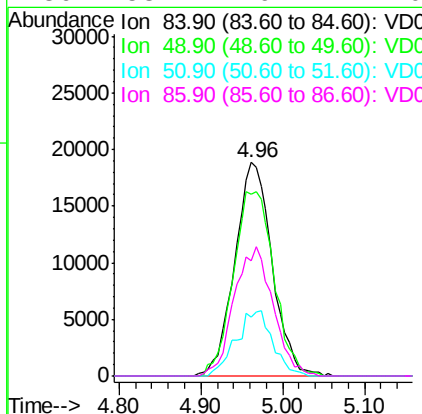
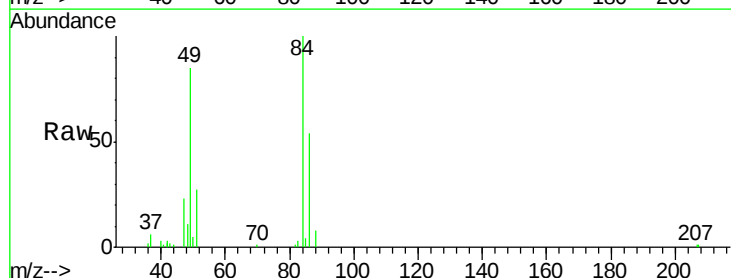
Instrument :
MSVOA_D
ClientSampled :

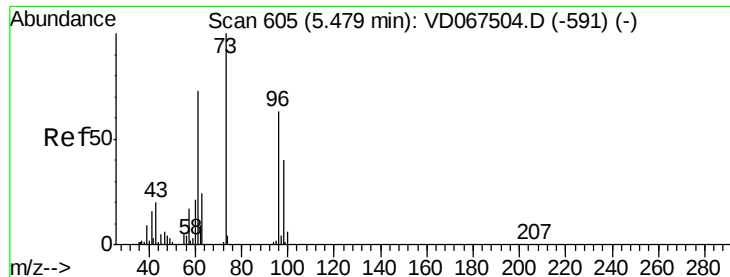
Tot Ion: 73 Resp: 95588
Ion Ratio Lower Upper
73 100
57 18.0 13.4 20.0



#20
Methylene Chloride
Concen: 24.680 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion: 84 Resp: 59994
Ion Ratio Lower Upper
84 100
49 85.0 77.0 115.4
51 27.5 25.4 38.2
86 53.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 21.261 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

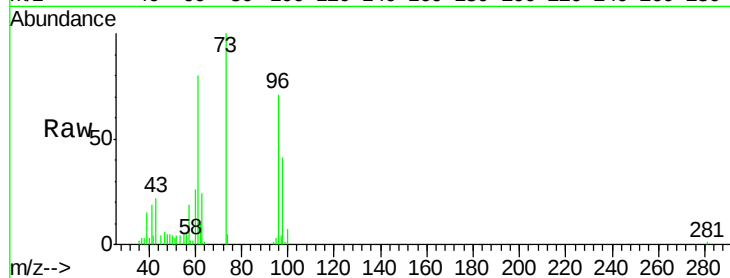
Tot Ion: 96 Resp: 54358

Ion Ratio Lower Upper

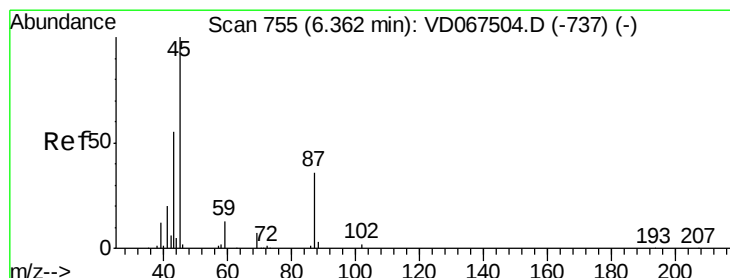
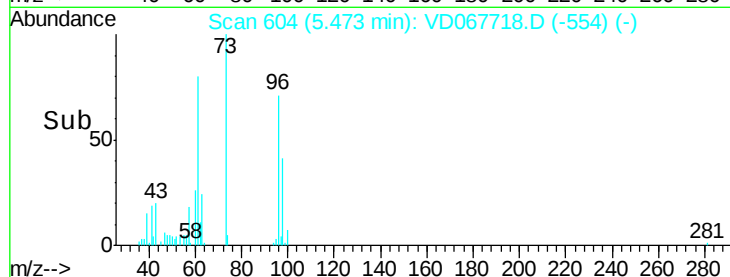
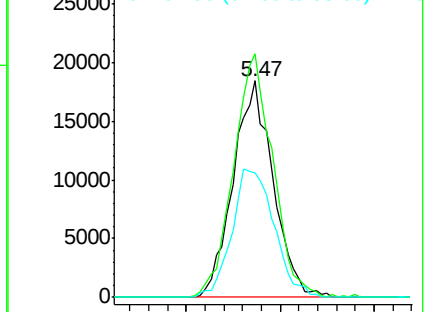
96 100

61 112.6 93.0 139.6

98 57.4 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.752 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Tgt Ion: 45 Resp: 95005

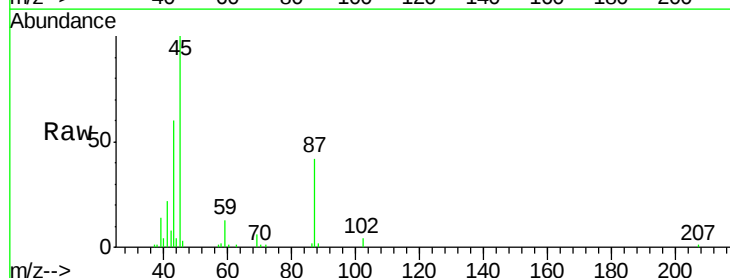
Ion Ratio Lower Upper

45 100

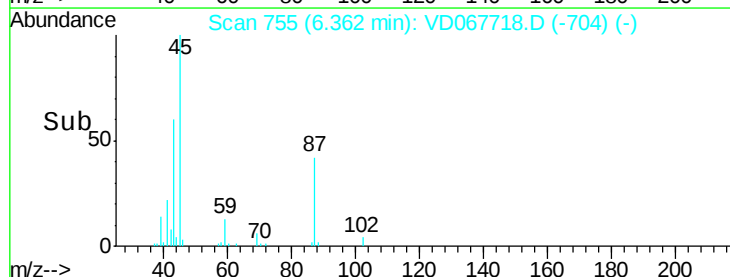
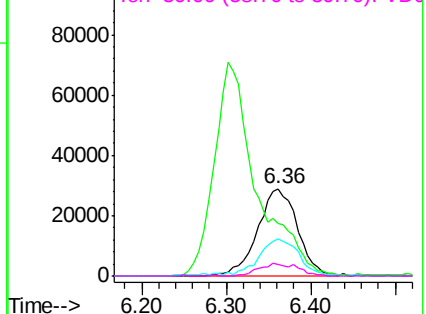
43 58.5 46.2 69.4

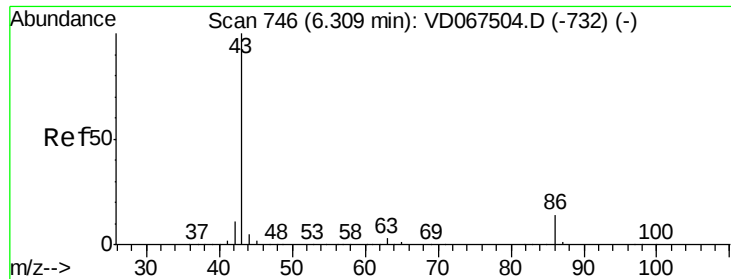
87 41.4 29.4 44.2

59 13.2 10.8 16.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 103.388 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

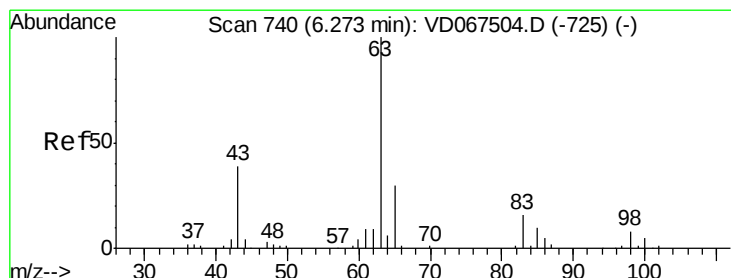
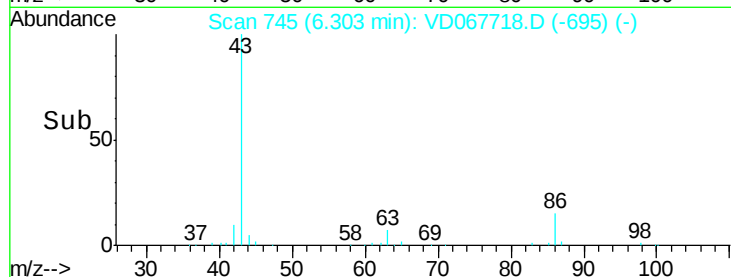
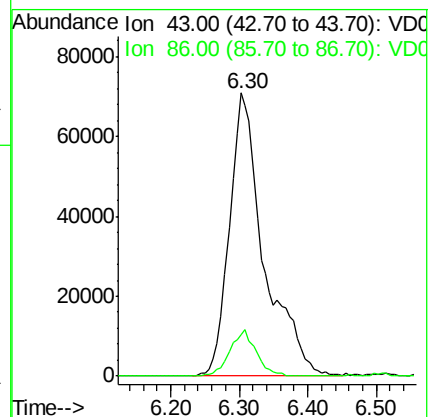
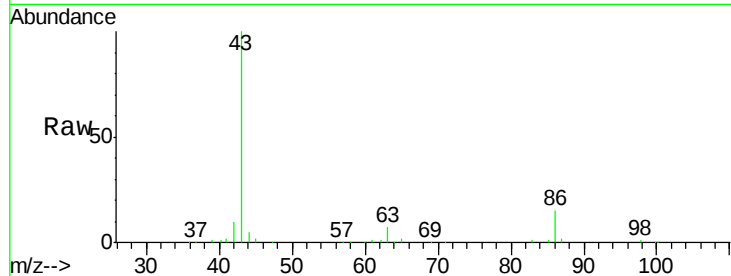
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 247766

Ion Ratio Lower Upper

43 100

86 14.8 11.6 17.4



#24

1,1-Dichloroethane

Concen: 20.472 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

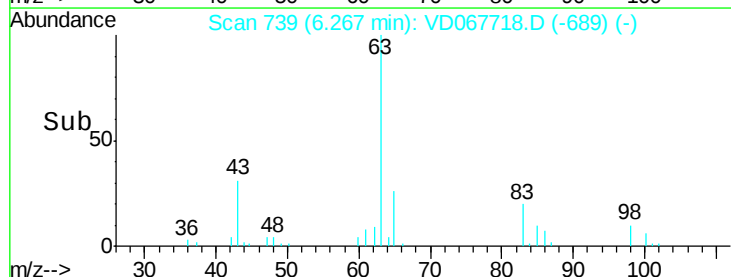
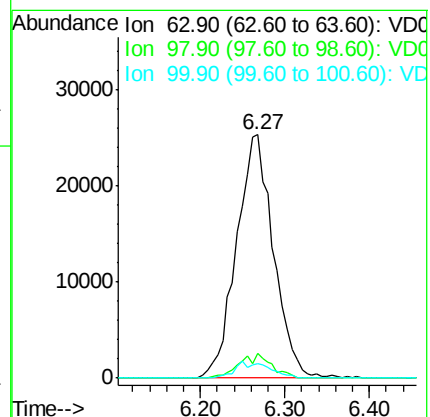
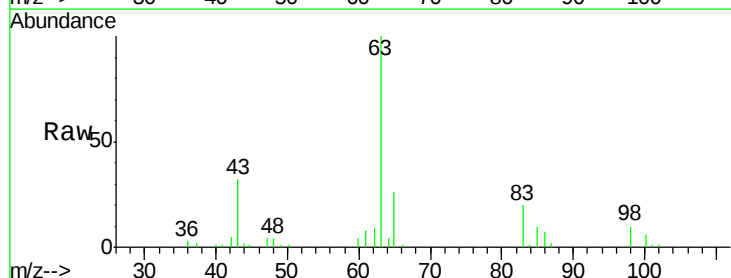
Tgt Ion: 63 Resp: 76675

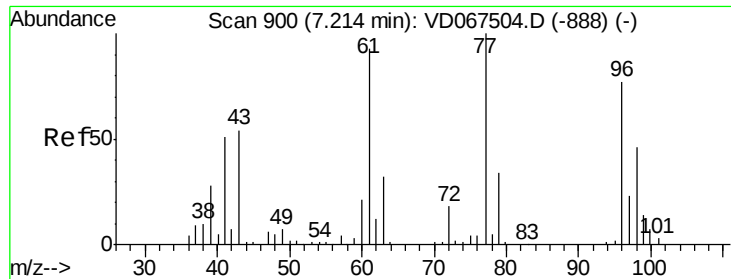
Ion Ratio Lower Upper

63 100

98 10.0 3.9 11.5

100 6.0 2.6 7.8

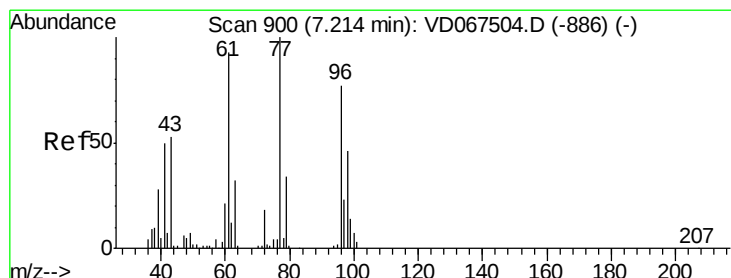
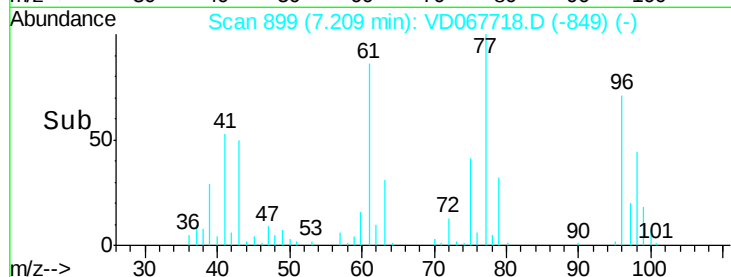
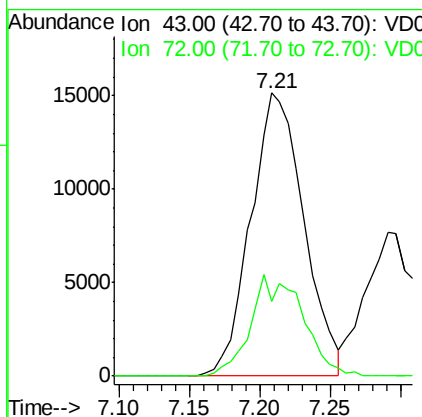
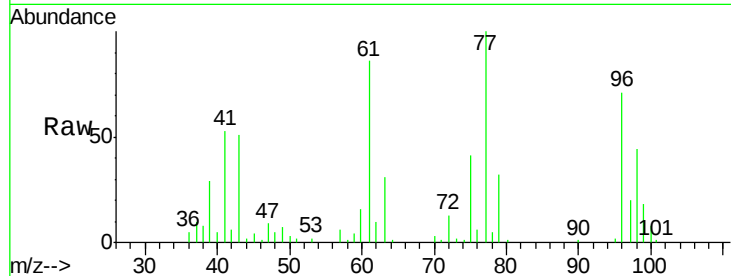




#25
2-Butanone
Concen: 108.569 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

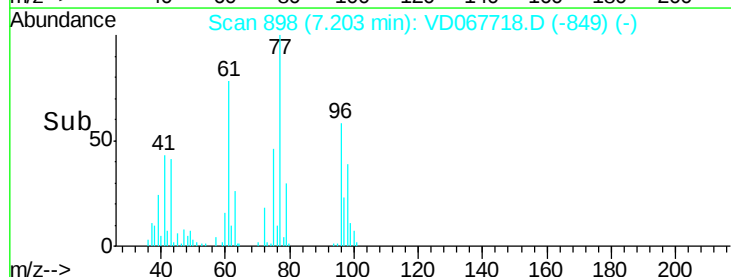
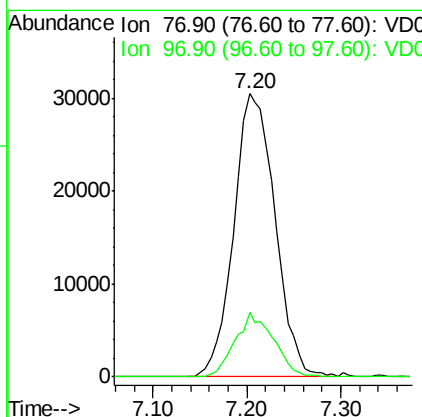
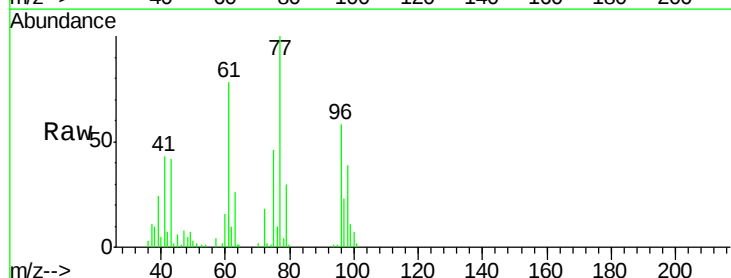
Instrument :
MSVOA_D
ClientSampleId :

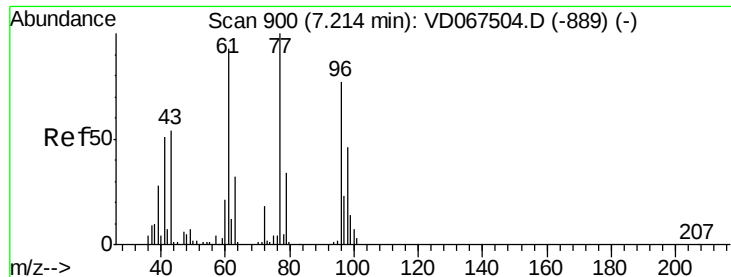
Tot Ion: 43 Resp: 39922
Ion Ratio Lower Upper
43 100
72 26.3 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 23.449 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion: 77 Resp: 92691
Ion Ratio Lower Upper
77 100
97 21.2 11.1 33.3



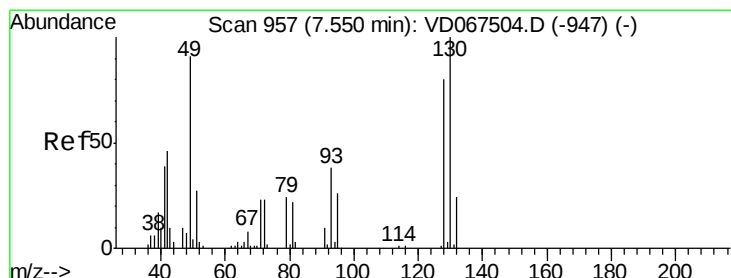
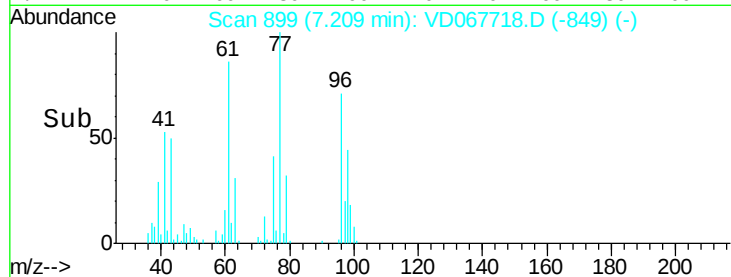
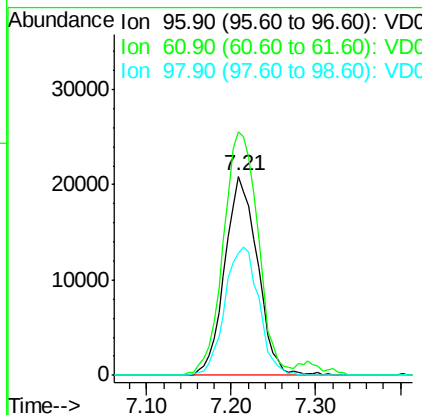
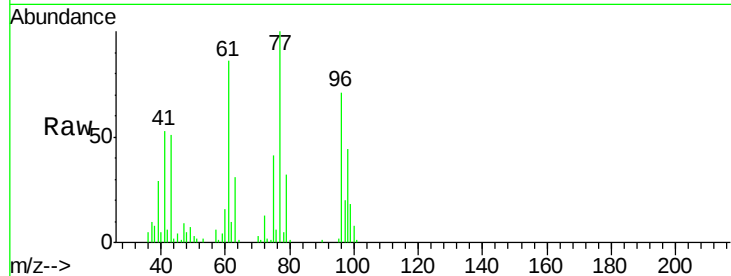


#27

cis-1,2-Dichloroethene
 Concen: 21.105 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Instrument :
 MSVOA_D
 ClientSampleId :

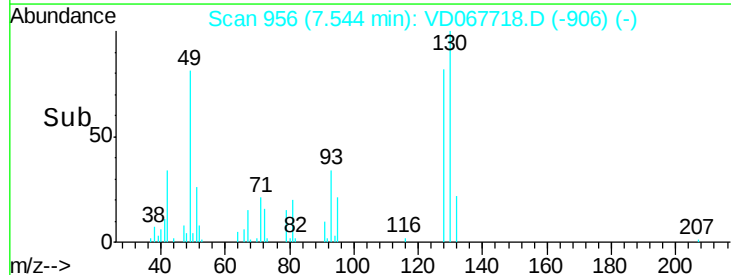
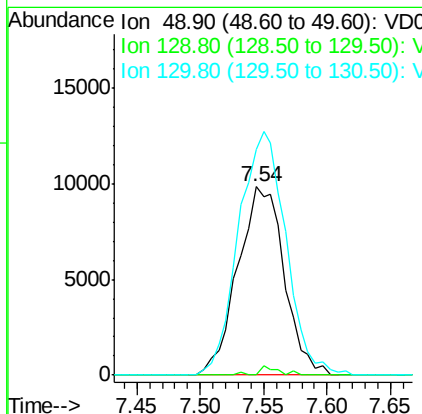
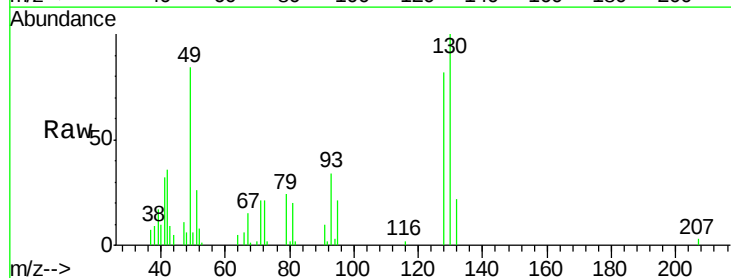
Tot Ion: 96 Resp: 56008
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 251.6
 98 66.5 0.0 128.0

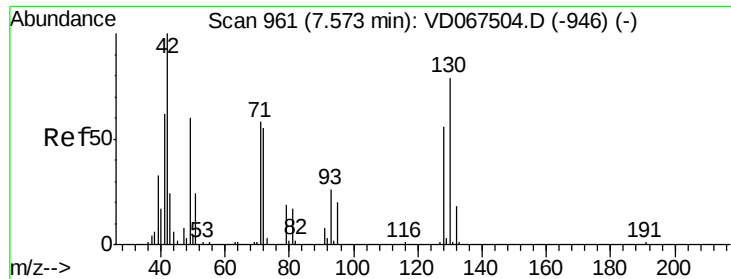


#28

Bromochloromethane
 Concen: 18.792 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Tgt Ion: 49 Resp: 25036
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.4
 130 131.9 94.6 142.0

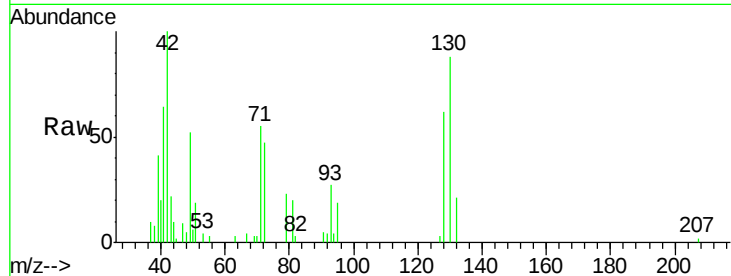




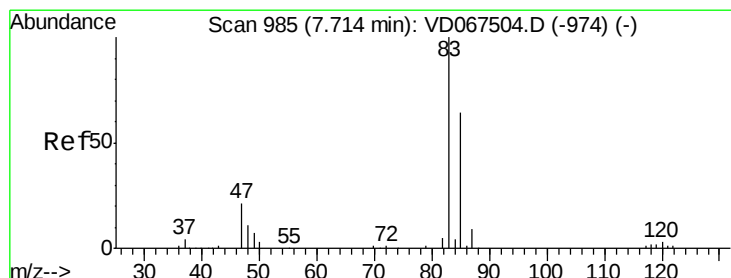
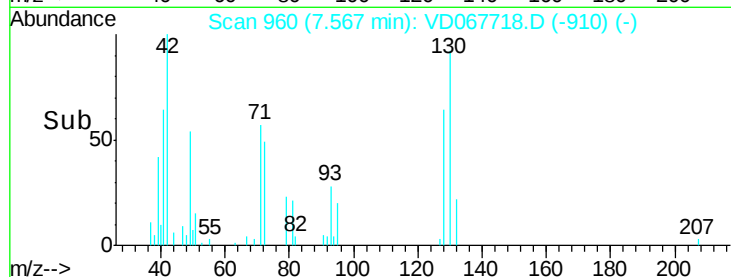
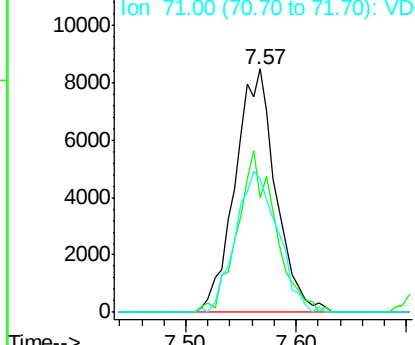
#29
Tetrahydrofuran
Concen: 99.424 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 21899
Ion Ratio Lower Upper
42 100
72 61.8 46.3 69.5
71 60.3 44.0 66.0

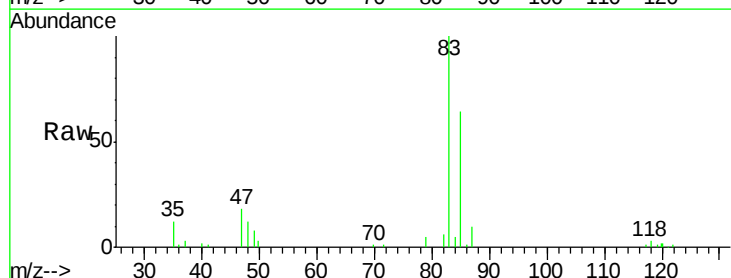


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

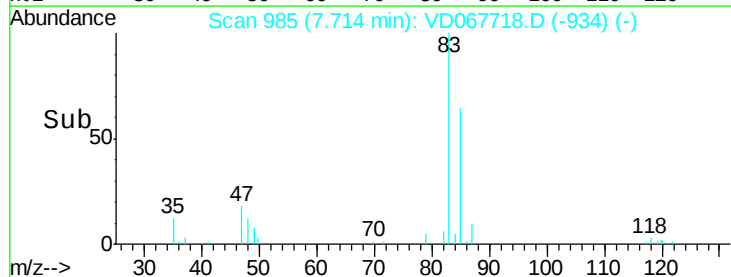
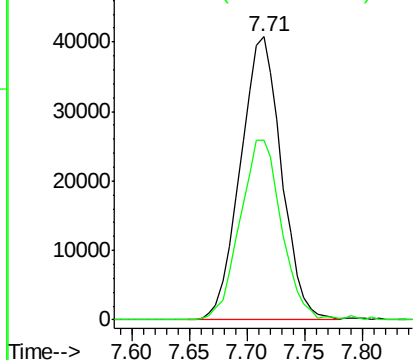


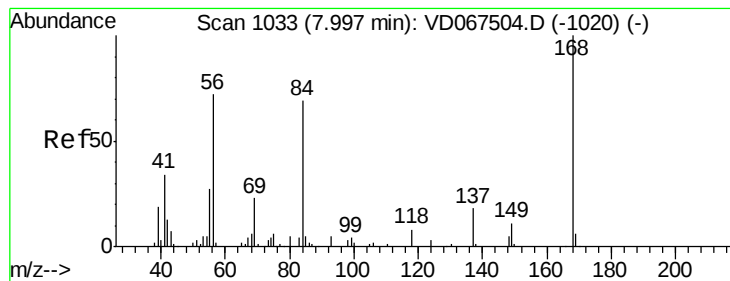
#30
Chloroform
Concen: 22.527 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion: 83 Resp: 100658
Ion Ratio Lower Upper
83 100
85 63.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 18.646 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

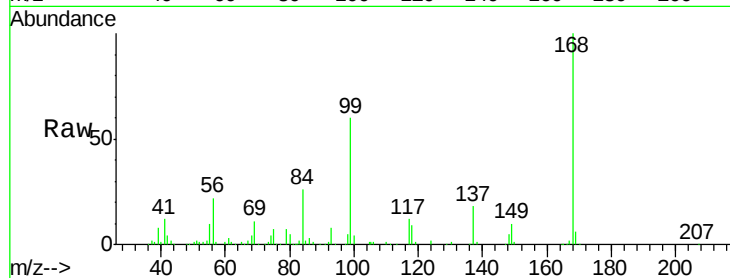
Tot Ion: 56 Resp: 62191

Ion Ratio Lower Upper

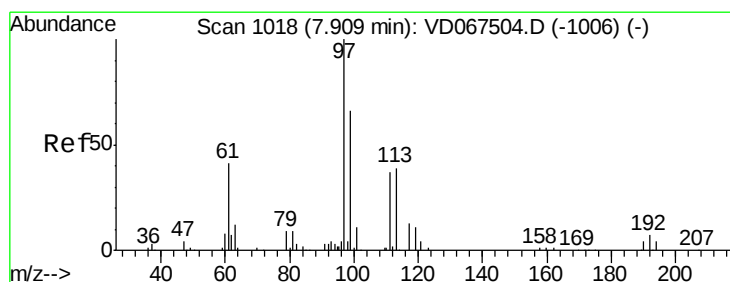
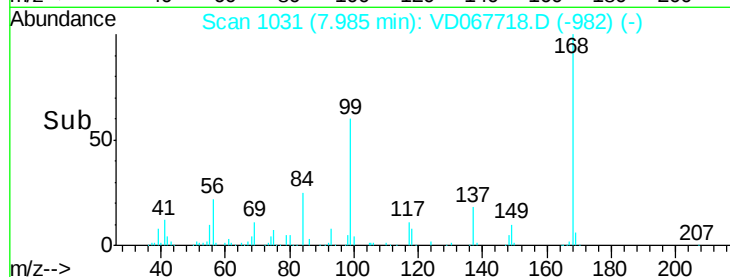
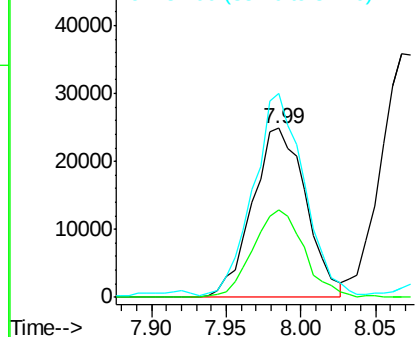
56 100

69 51.5 25.9 38.9#

84 118.1 76.2 114.4#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 22.546 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

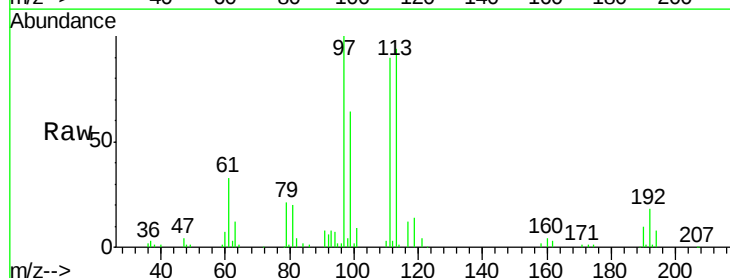
Tgt Ion: 97 Resp: 103942

Ion Ratio Lower Upper

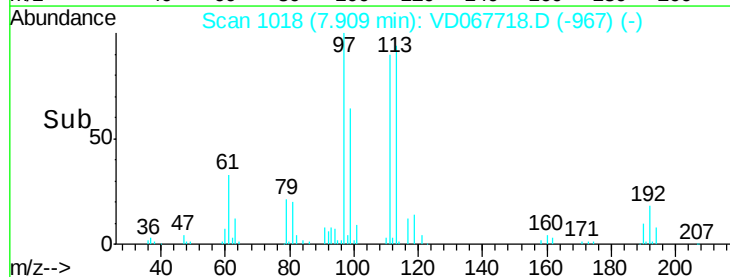
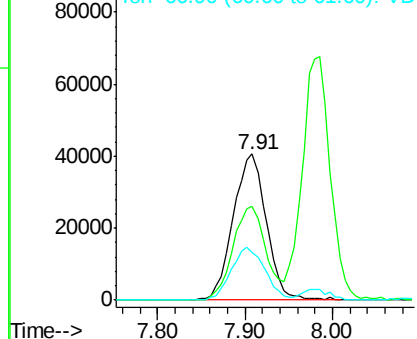
97 100

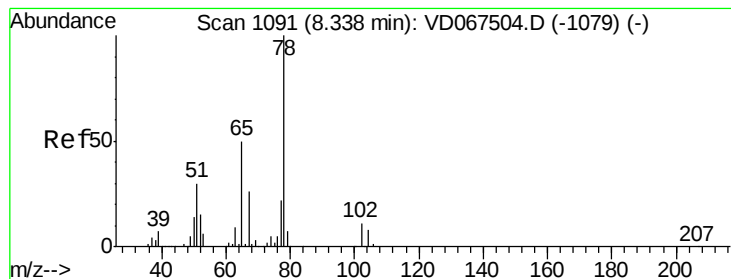
99 64.8 51.8 77.6

61 37.1 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 46.455 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

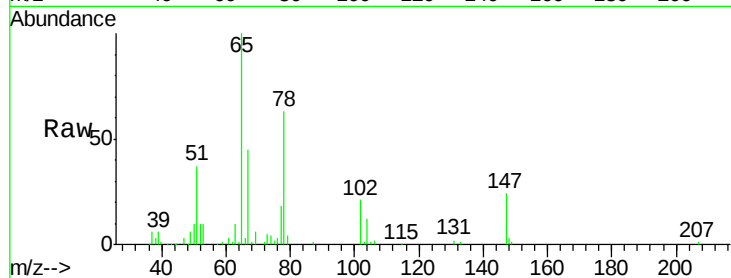
ClientSampleId :

Tot Ion: 65 Resp: 106830

Ion Ratio Lower Upper

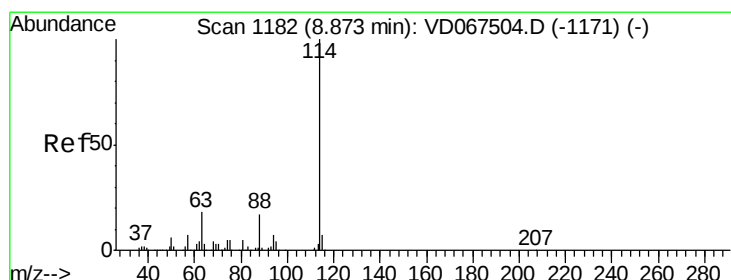
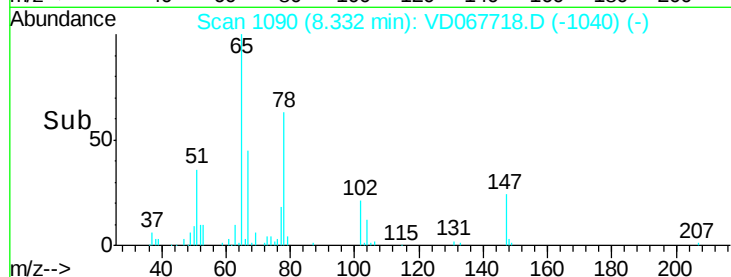
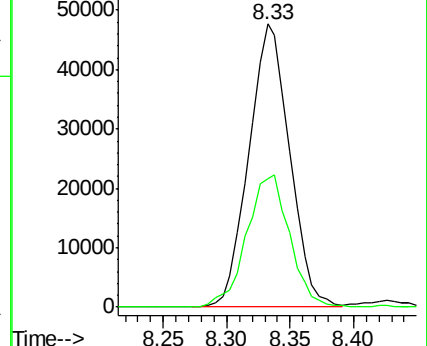
65 100

67 49.1 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

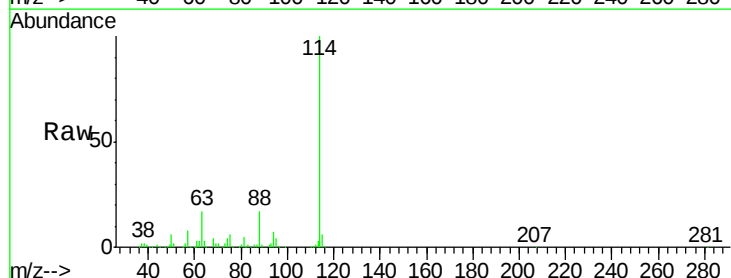
Tgt Ion: 114 Resp: 379056

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

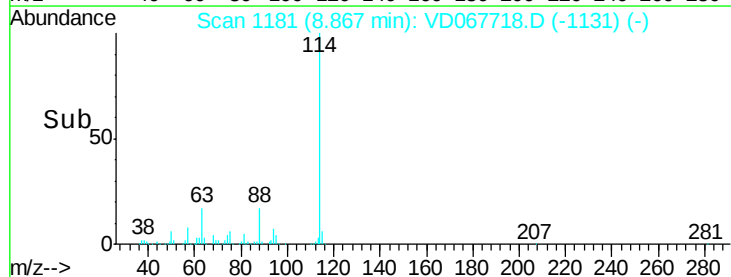
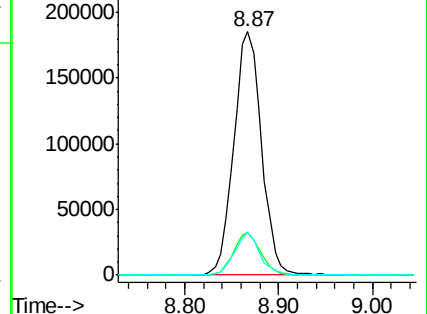
88 17.4 0.0 33.0

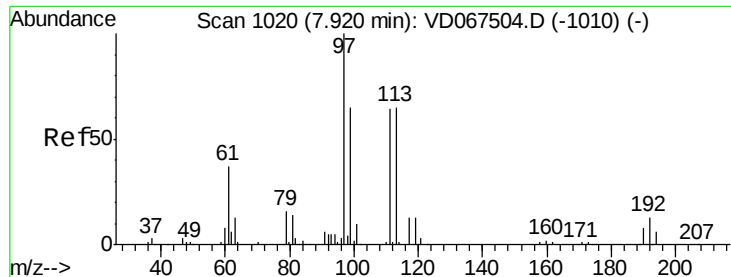


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

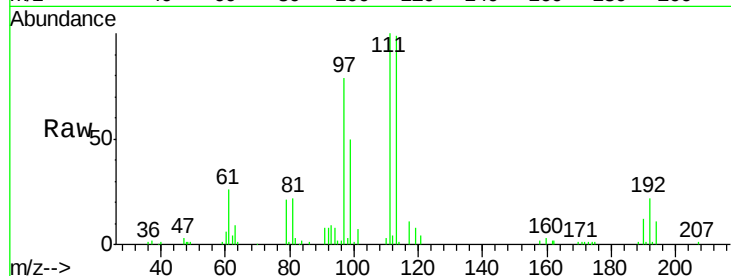




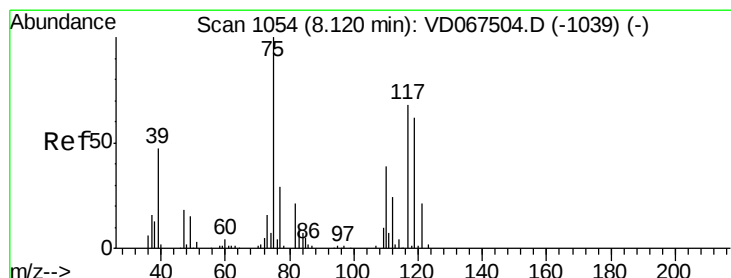
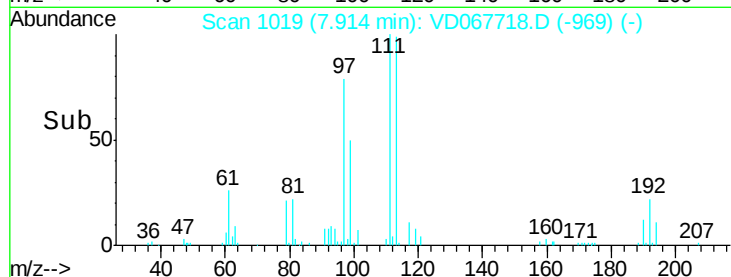
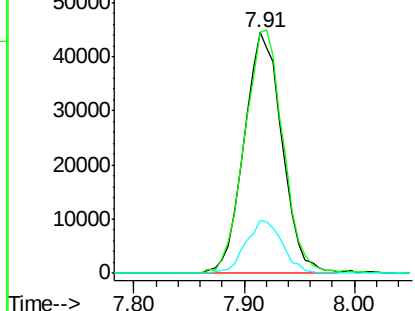
#35
 Dibromofluoromethane
 Concen: 47.001 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:113 Resp: 107342
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.0 120.0
 192 21.2 16.3 24.5

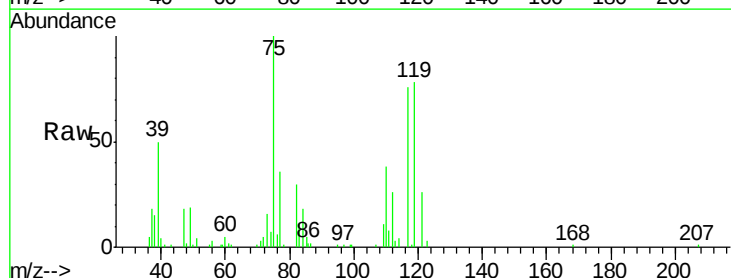


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

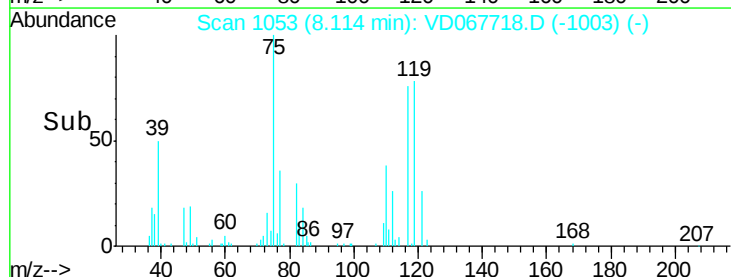
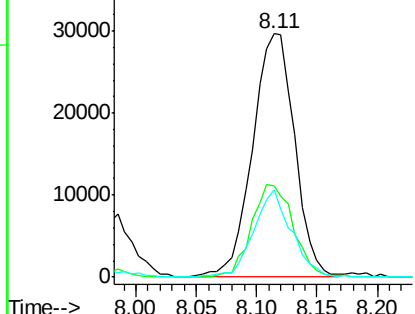


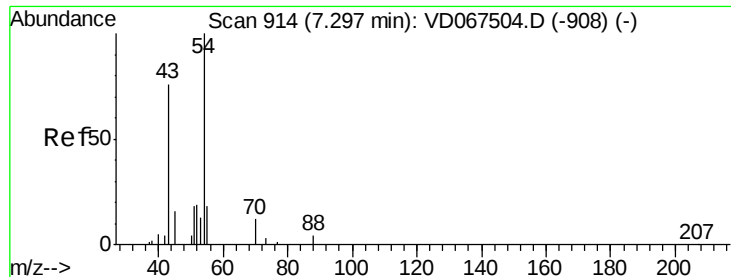
#36
 1,1-Dichloropropene
 Concen: 22.225 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Tgt Ion: 75 Resp: 72111
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.9 59.7
 77 32.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

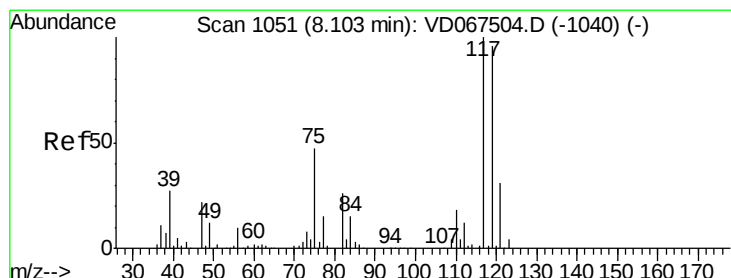
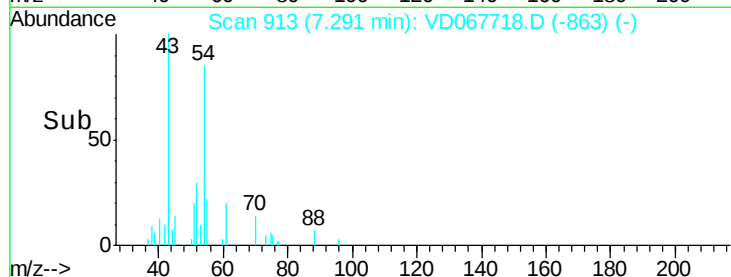
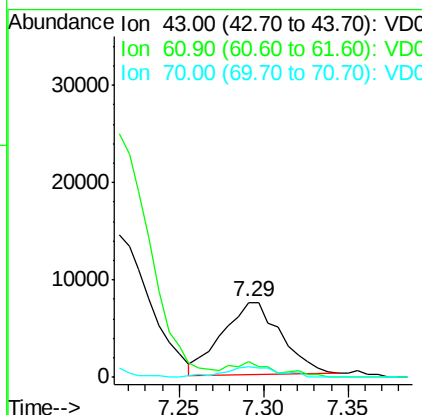
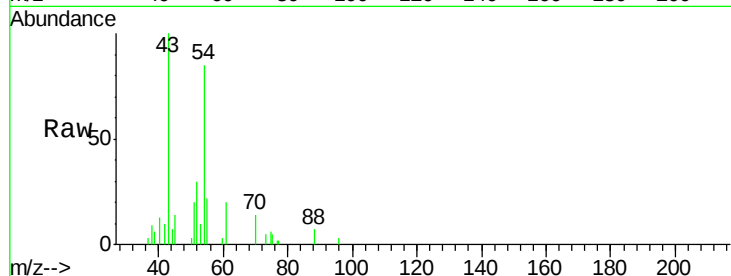




#37
Ethyl Acetate
Concen: 21.254 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

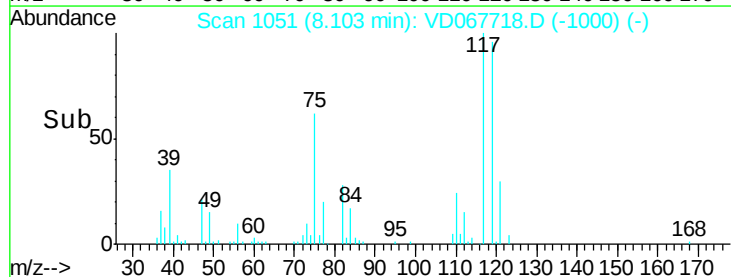
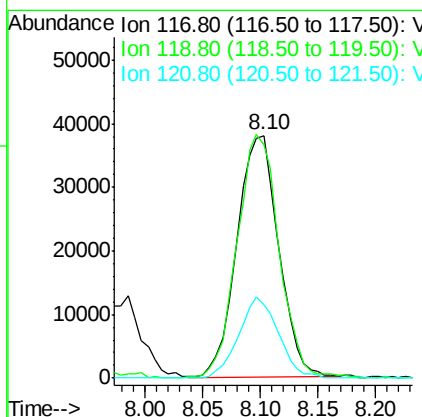
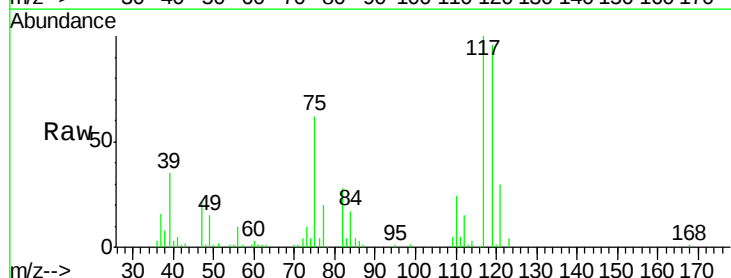
Instrument :
MSVOA_D
ClientSampleId :

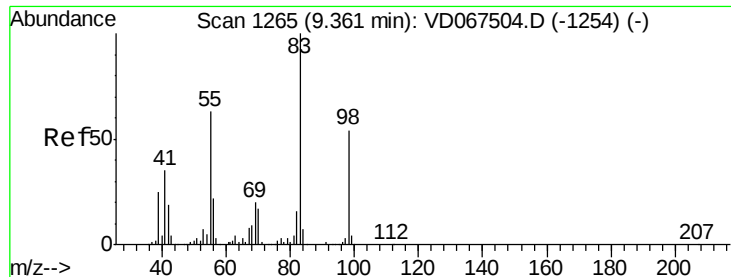
Tot Ion: 43 Resp: 17904
Ion Ratio Lower Upper
43 100
61 16.5 12.8 19.2
70 13.8 11.7 17.5



#38
Carbon Tetrachloride
Concen: 22.687 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion: 117 Resp: 95642
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 30.2 24.5 36.7

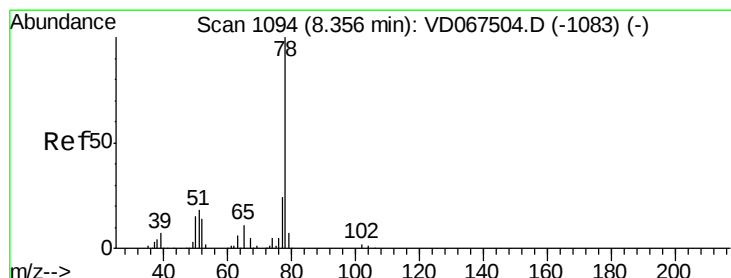
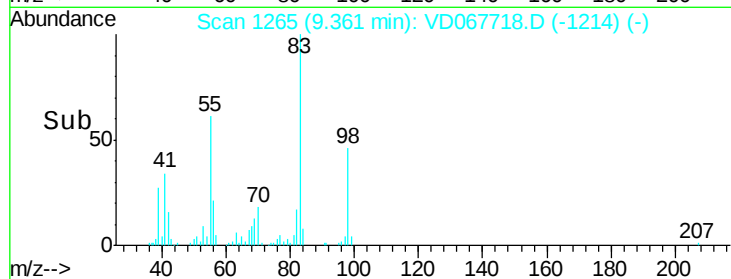
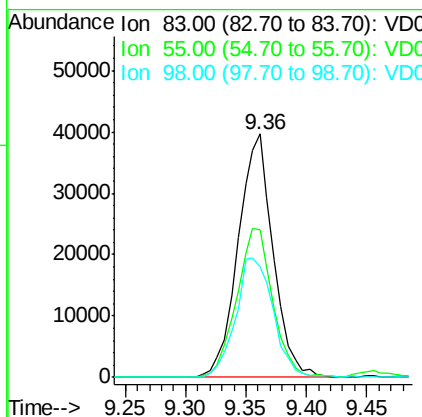
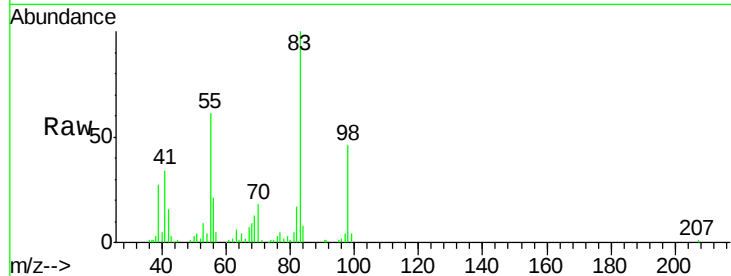




#39
Methvlcvclohexane
Concen: 20.909 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

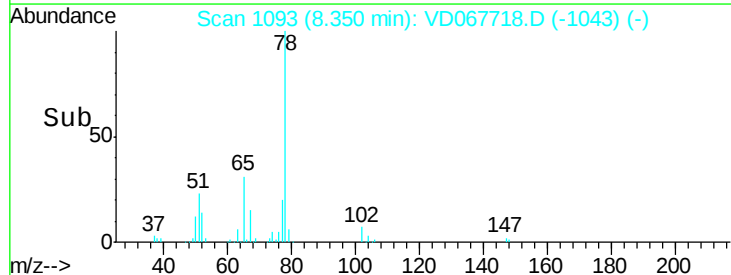
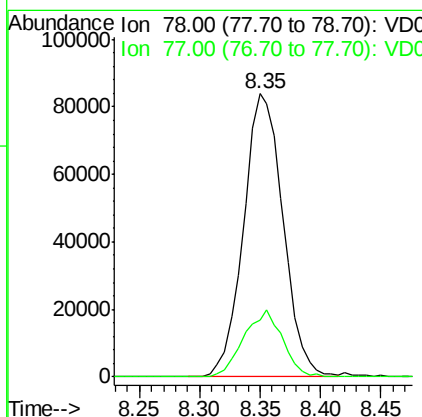
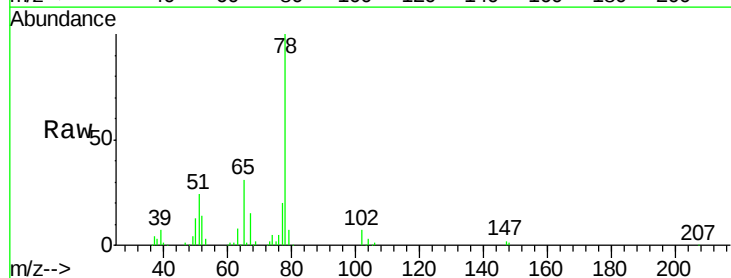
Instrument :
MSVOA_D
ClientSampled :

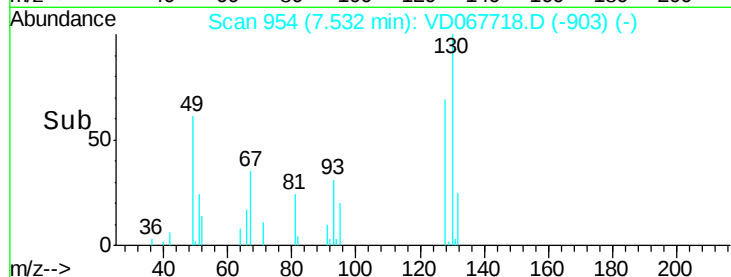
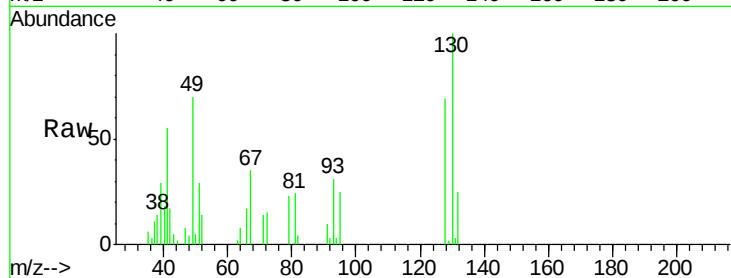
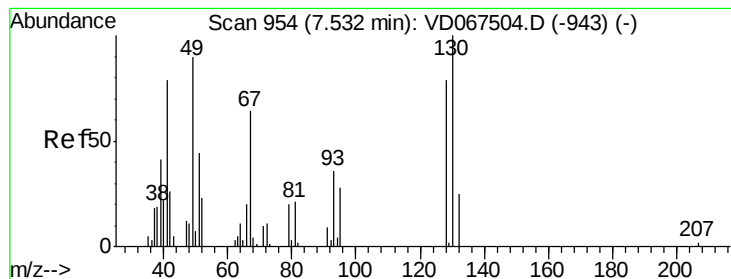
Tot Ion	83	Resp	79850
Ion Ratio	Lower	Upper	
83	100		
55	60.6	50.5	75.7
98	45.6	43.4	65.0



#40
Benzene
Concen: 21.800 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion	78	Resp	191598
Ion Ratio	Lower	Upper	
78	100		
77	19.9	19.1	28.7





#41

Methacrylonitrile

Concen: 23.981 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 41 Resp: 12075

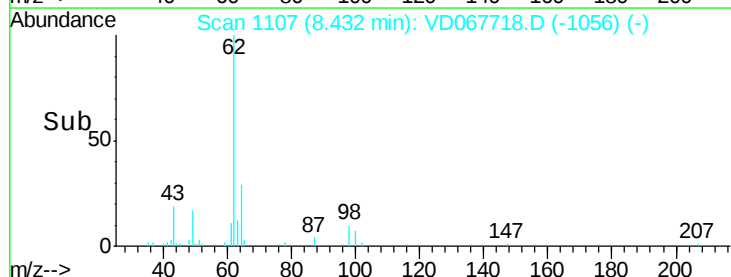
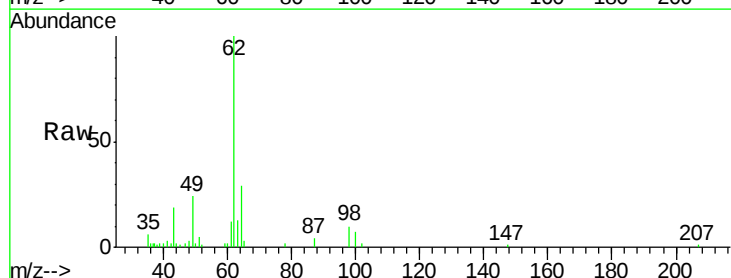
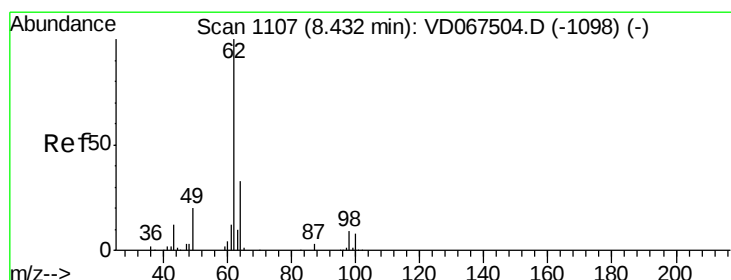
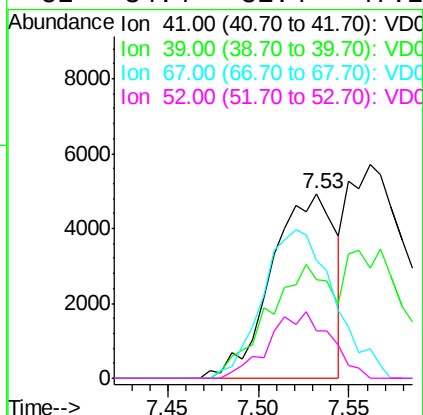
Ion Ratio Lower Upper

41 100

39 61.9 51.3 76.9

67 90.5 78.9 118.3

52 34.4 31.4 47.2



#42

1,2-Dichloroethane

Concen: 23.194 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD067718.D

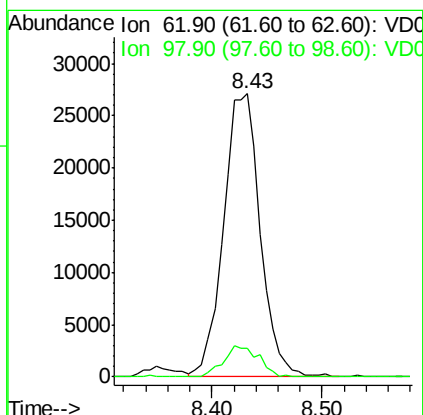
Acq: 20 Nov 2020 12:14

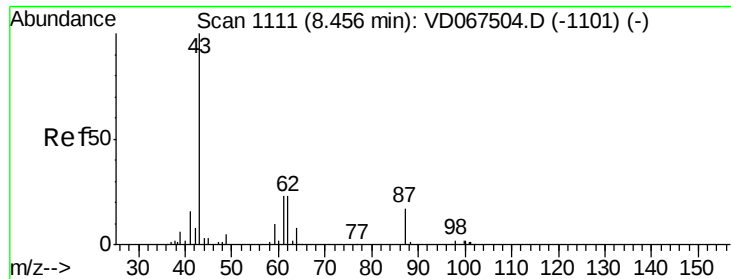
Tgt Ion: 62 Resp: 62985

Ion Ratio Lower Upper

62 100

98 10.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.477 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

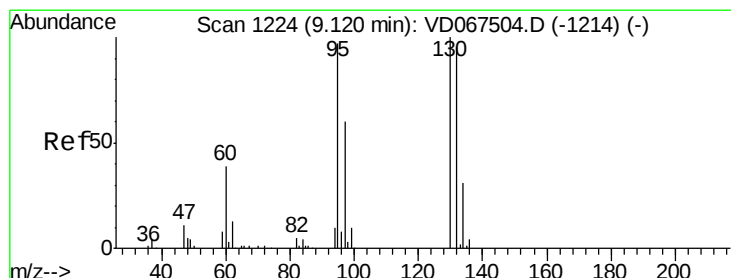
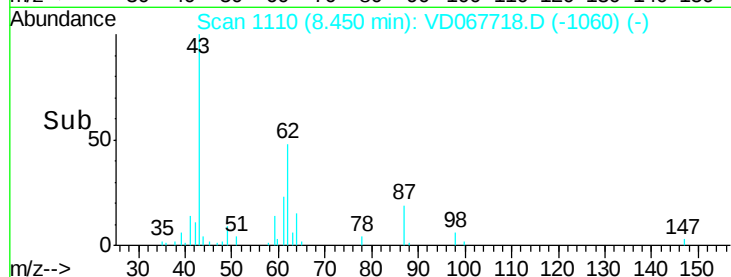
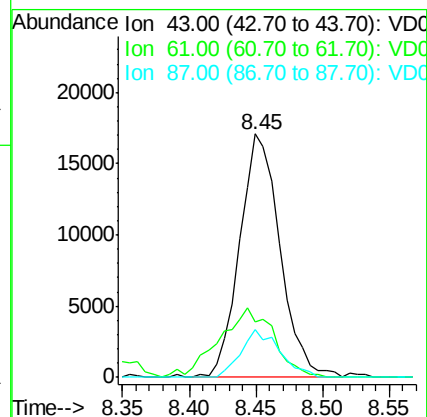
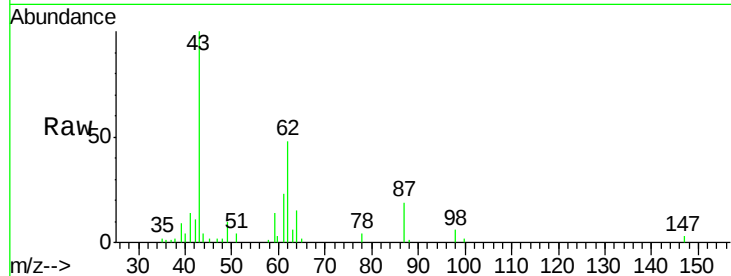
Tot Ion: 43 Resp: 35780

Ion Ratio Lower Upper

43 100

61 38.7 30.5 45.7

87 18.8 14.7 22.1



#44

Trichloroethene

Concen: 21.916 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VD067718.D

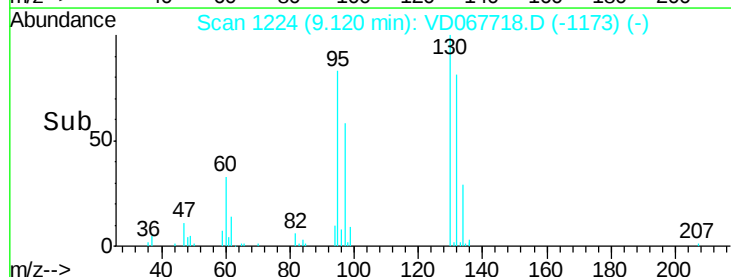
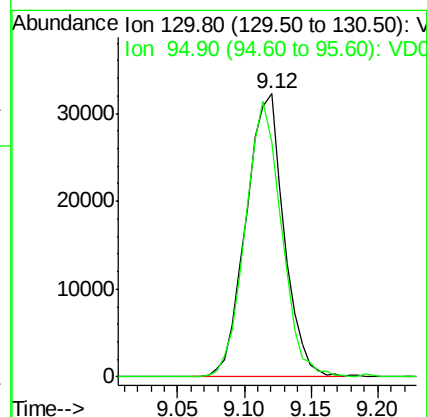
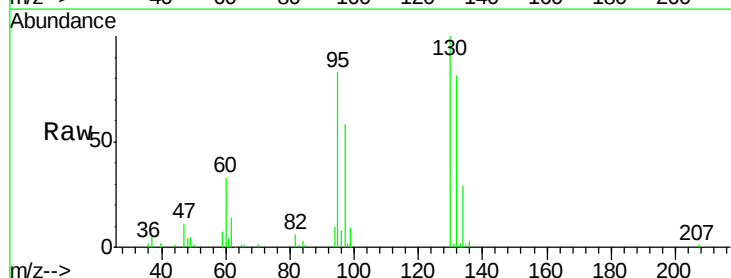
Acq: 20 Nov 2020 12:14

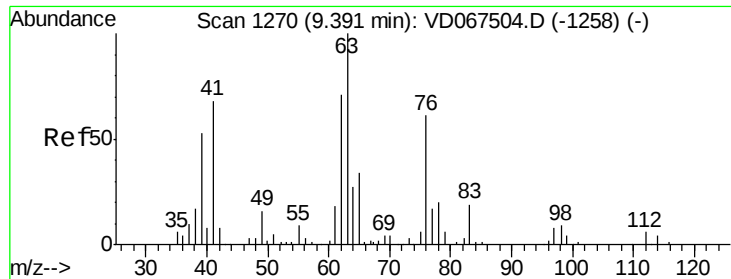
Tgt Ion:130 Resp: 63335

Ion Ratio Lower Upper

130 100

95 82.8 0.0 194.4





#45

1,2-Dichloropropane

Concen: 21.655 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

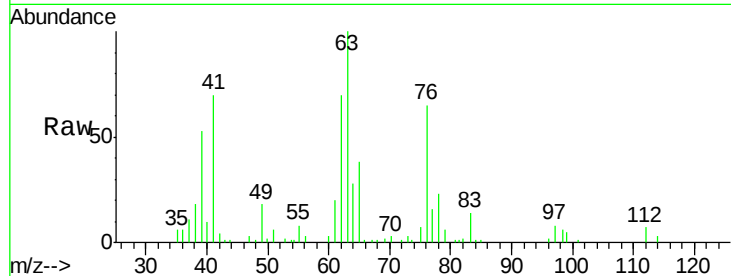
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 63 Resp: 41149

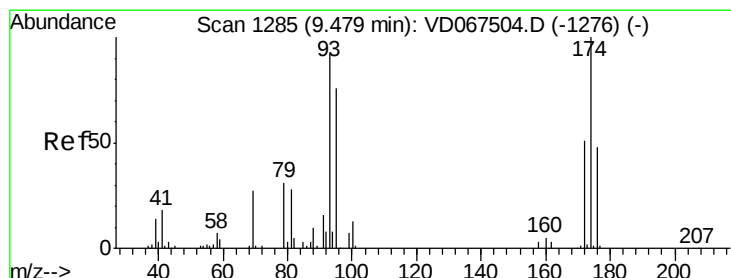
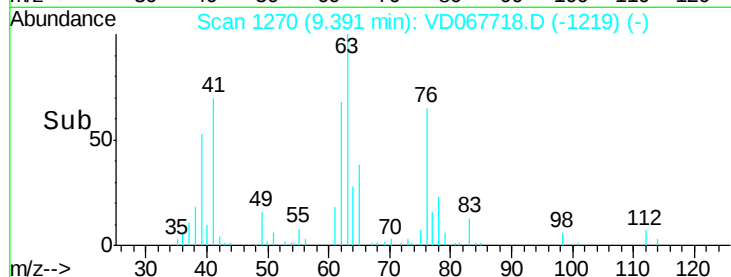
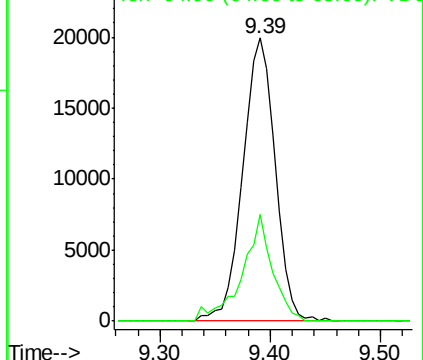
Ion Ratio Lower Upper

63 100

65 37.8 26.9 40.3



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 22.511 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

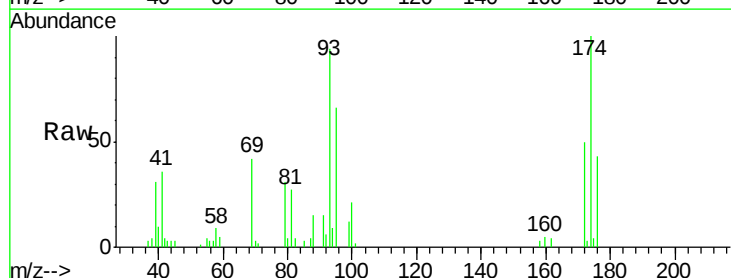
Tgt Ion: 93 Resp: 27198

Ion Ratio Lower Upper

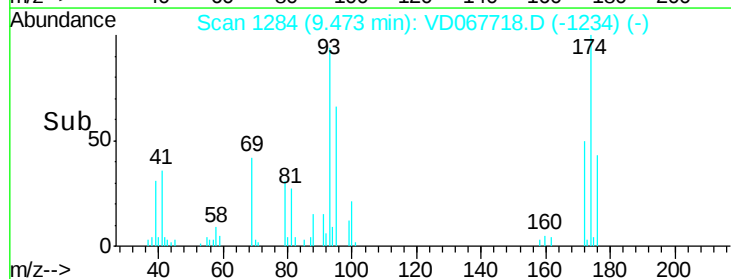
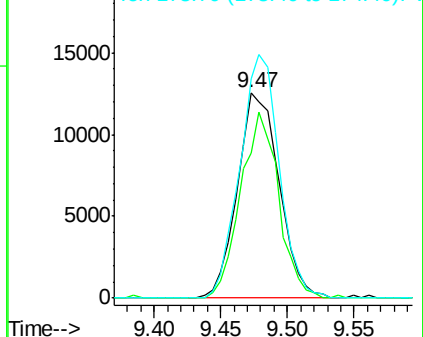
93 100

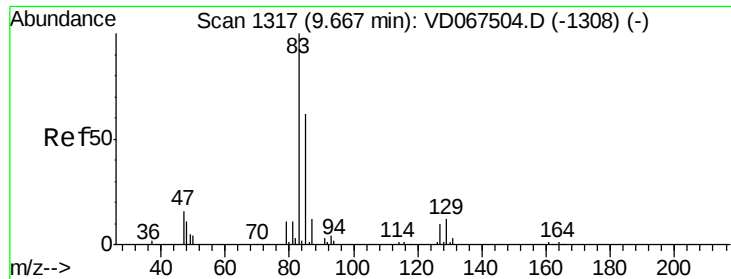
95 81.8 66.4 99.6

174 111.4 88.2 132.4



Abundance Ion 92.80 (92.50 to 93.50): VDC
Ion 94.80 (94.50 to 95.50): VDC
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.940 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

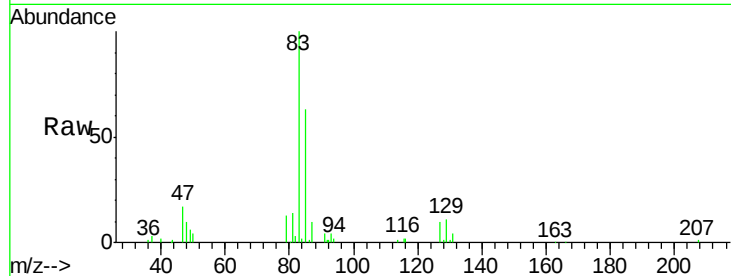
Tot Ion: 83 Resp: 75334

Ion Ratio Lower Upper

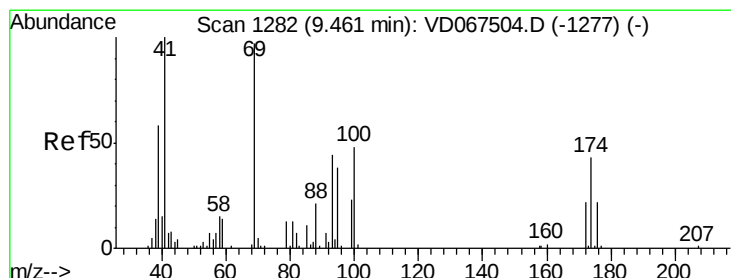
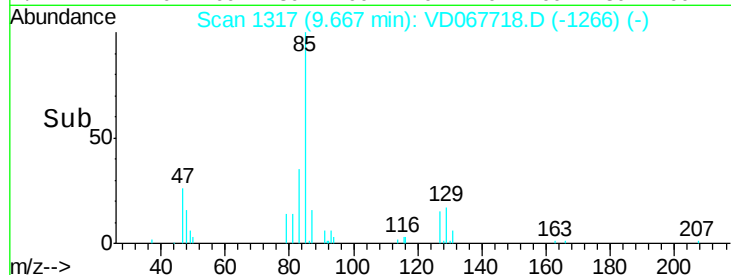
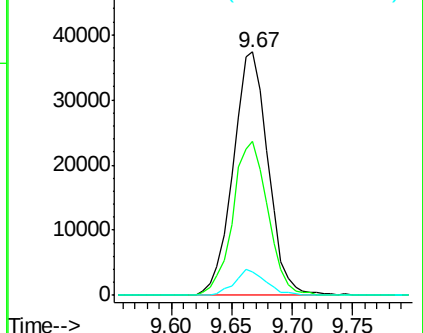
83 100

85 63.2 49.4 74.2

127 9.6 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.482 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

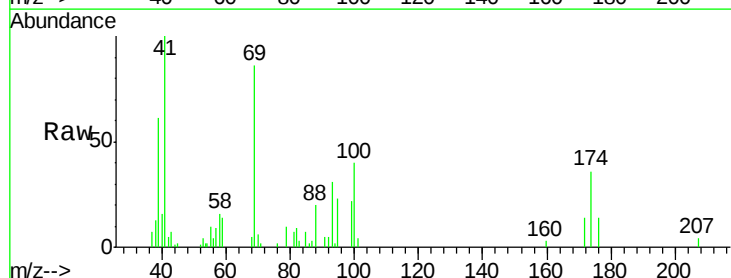
Tgt Ion: 41 Resp: 17618

Ion Ratio Lower Upper

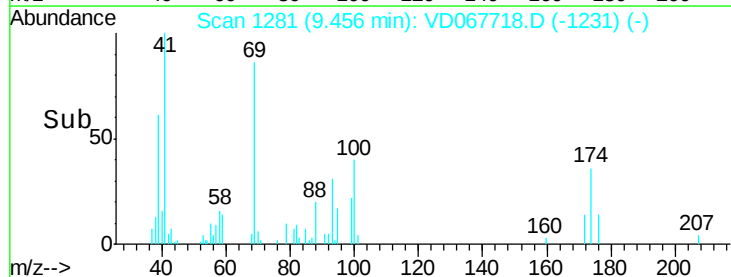
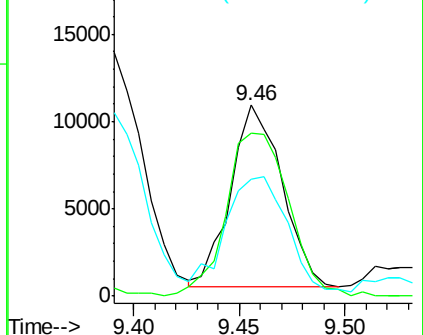
41 100

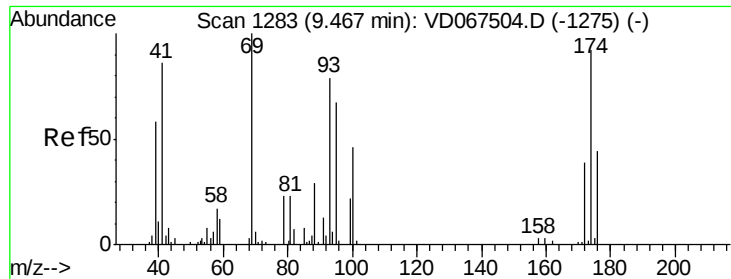
69 109.7 80.6 121.0

39 74.4 50.2 75.4



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

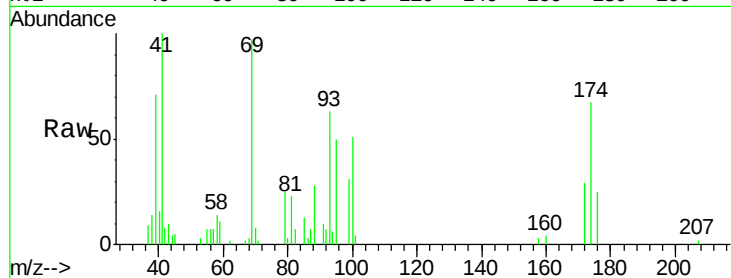




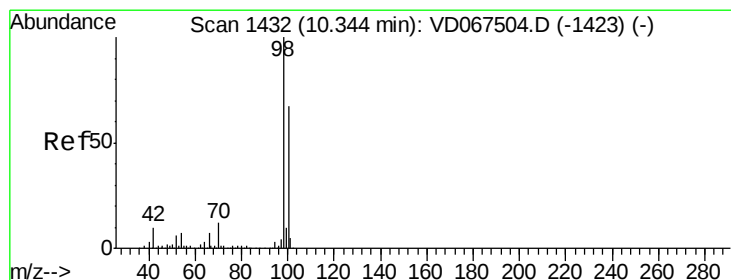
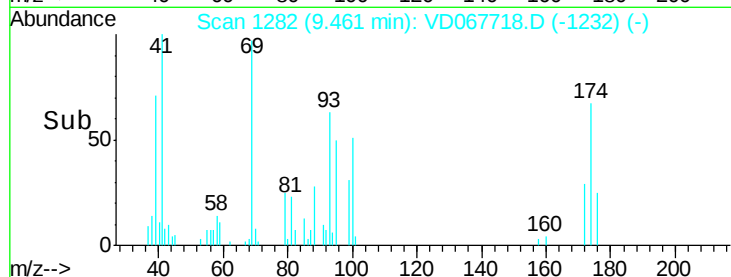
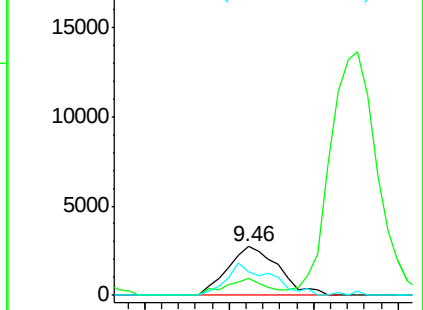
#49
1,4-Dioxane
Concen: 463.900 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 5690
Ion Ratio Lower Upper
88 100
43 27.3 23.6 35.4
58 57.2 44.7 67.1

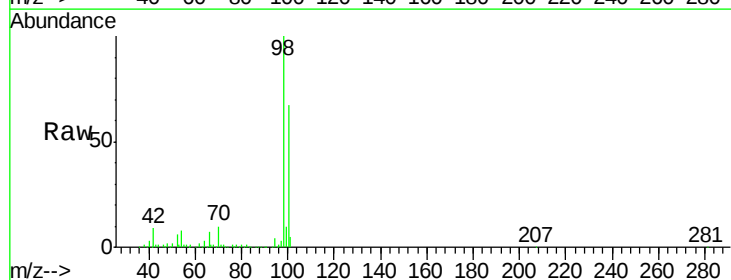


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

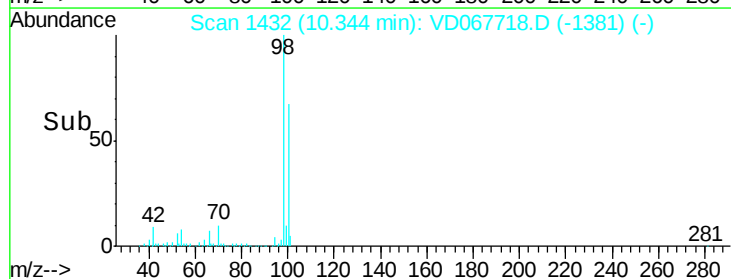
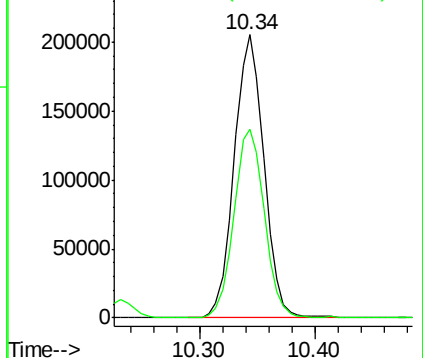


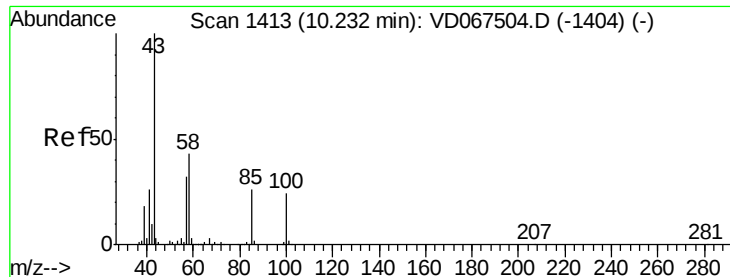
#50
Toluene-d8
Concen: 45.610 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion: 98 Resp: 366058
Ion Ratio Lower Upper
98 100
100 68.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 111.532 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

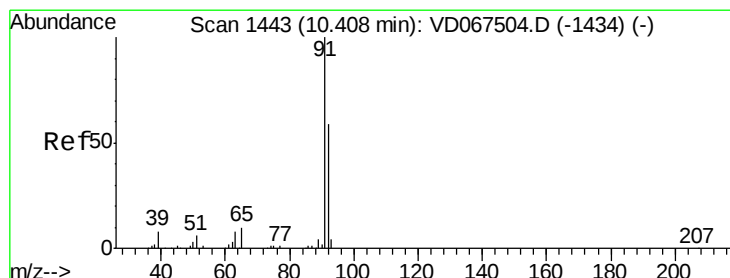
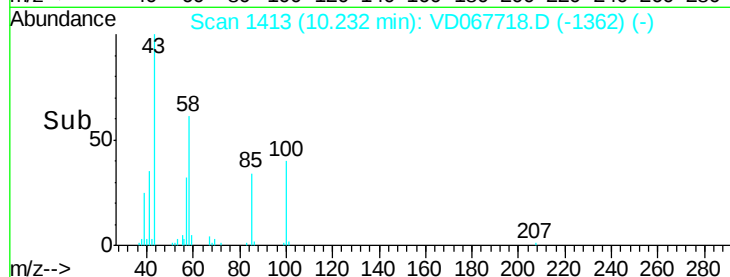
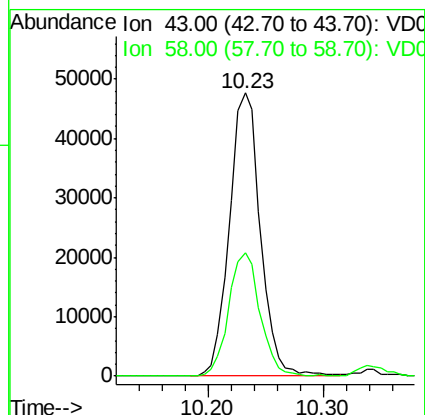
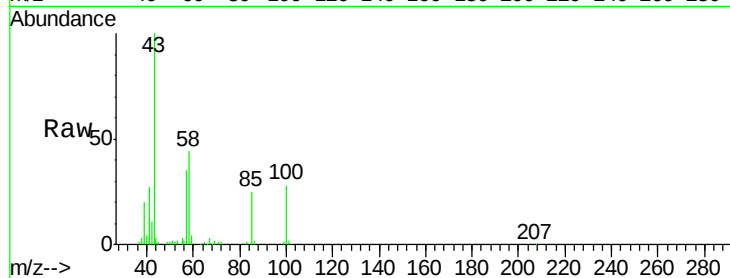
ClientSampleId :

Tot Ion: 43 Resp: 88863

Ion Ratio Lower Upper

43 100

58 44.0 35.6 53.4



#52

Toluene

Concen: 22.782 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067718.D

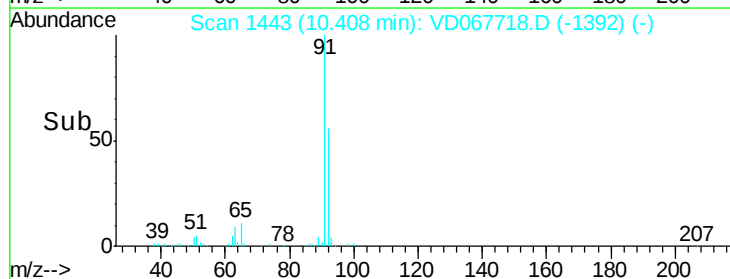
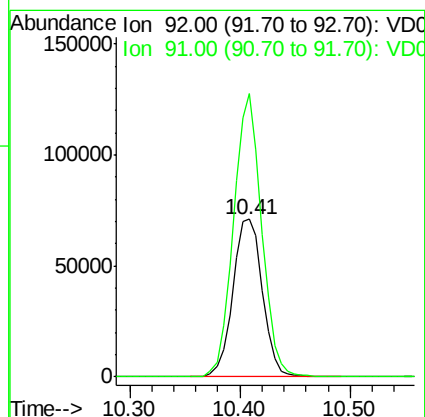
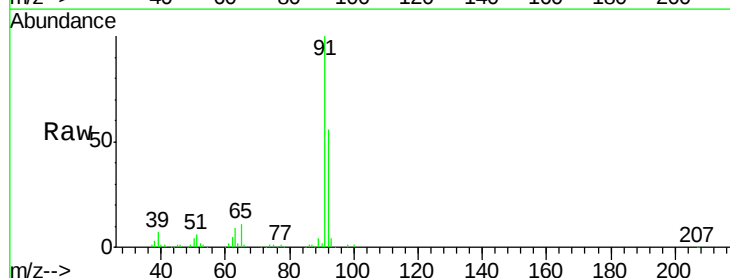
Acq: 20 Nov 2020 12:14

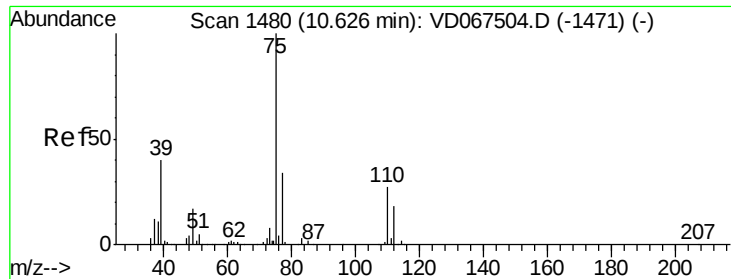
Tgt Ion: 92 Resp: 134113

Ion Ratio Lower Upper

92 100

91 170.0 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 22.793 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

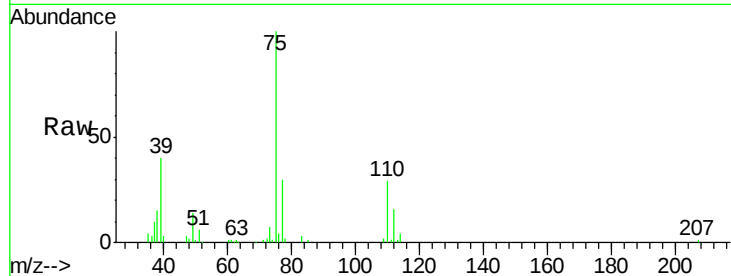
ClientSampleId :

Tot Ion: 75 Resp: 64108

Ion Ratio Lower Upper

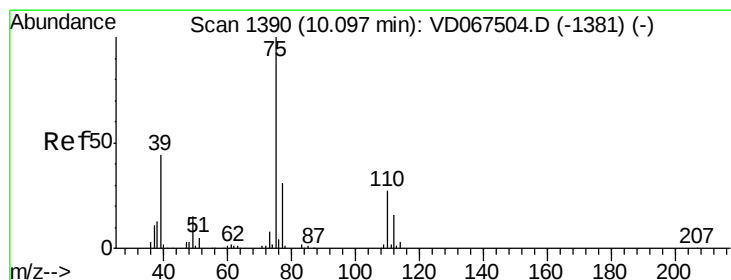
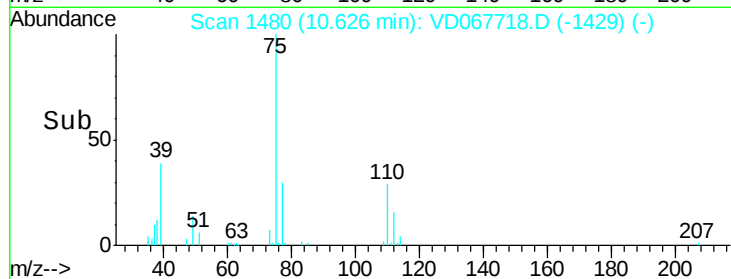
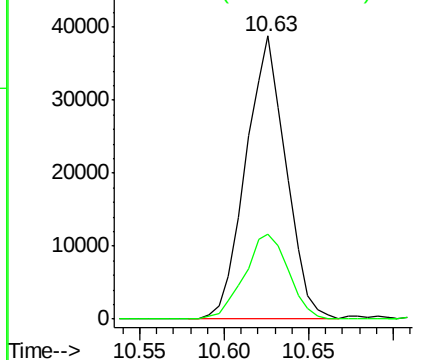
75 100

77 30.0 27.0 40.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 22.065 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

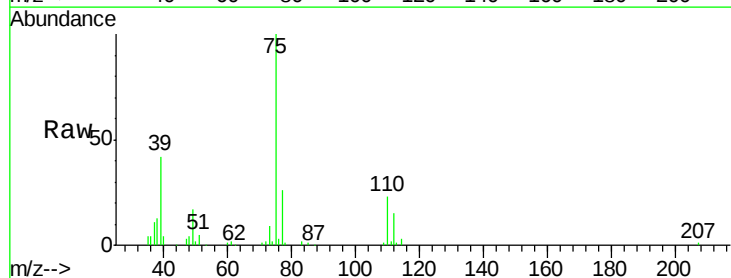
Tgt Ion: 75 Resp: 73734

Ion Ratio Lower Upper

75 100

77 26.4 24.4 36.6

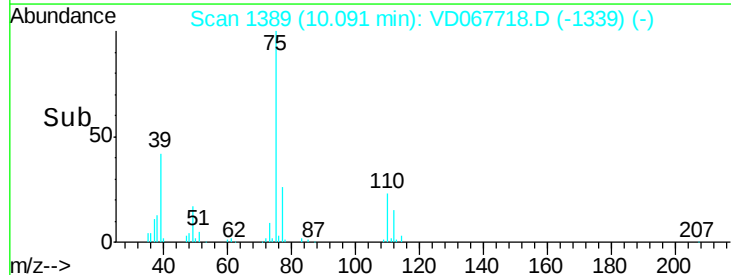
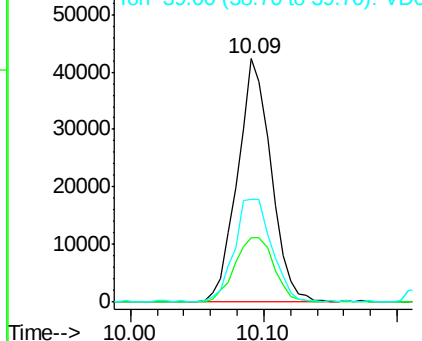
39 42.1 35.6 53.4

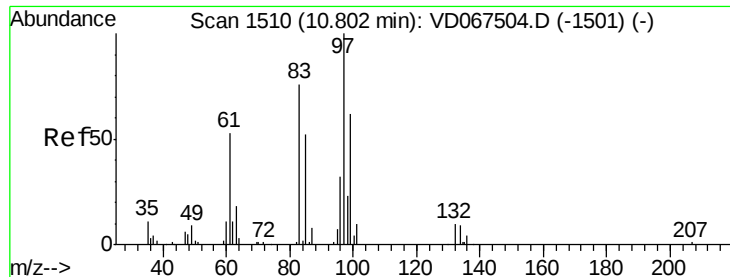


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 23.177 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

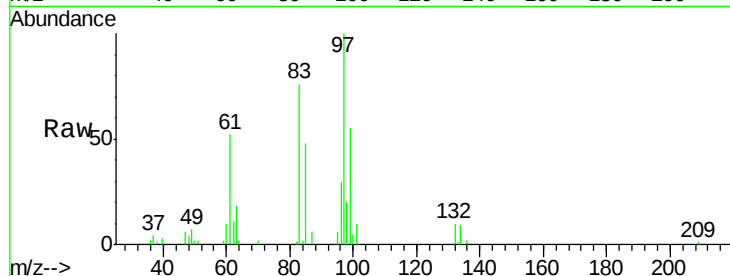
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 37052

Ion	Ratio	Lower	Upper
97	100		
83	75.8	61.0	91.6
85	47.9	41.5	62.3
99	54.7	49.4	74.2

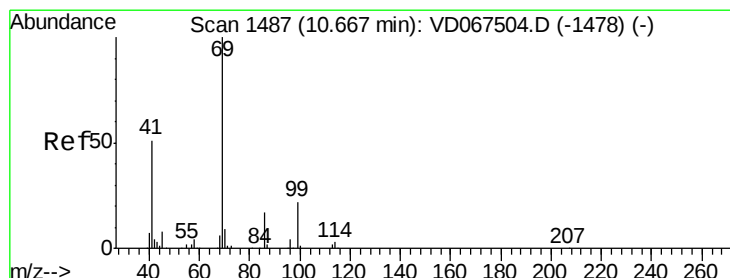
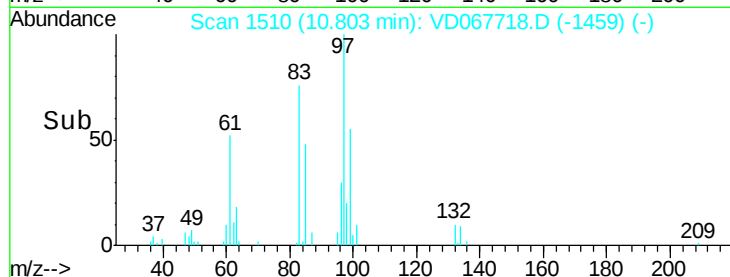
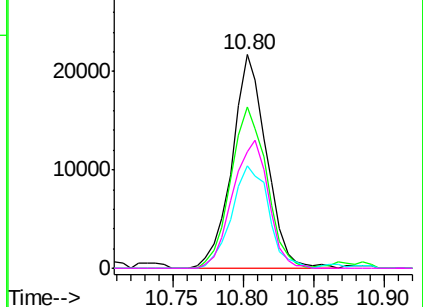


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 21.765 ug/l

RT: 10.66 min Scan# 1486

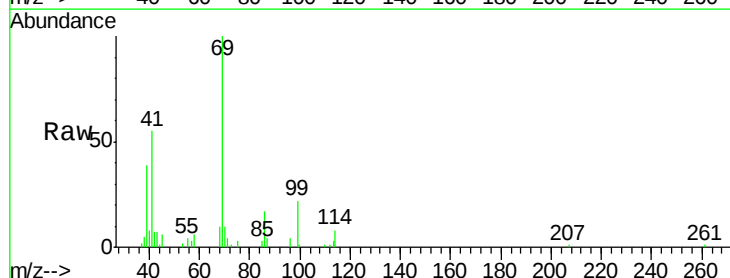
Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Tgt Ion: 69 Resp: 35930

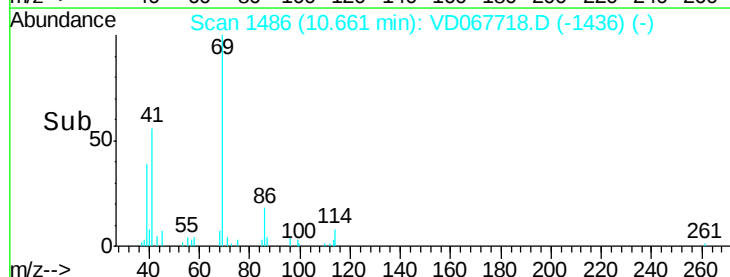
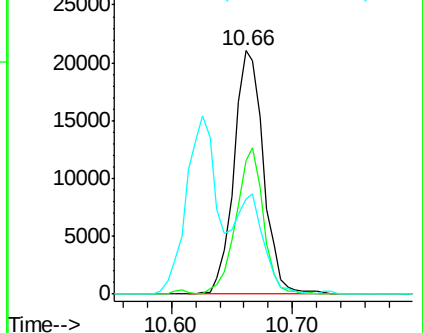
Ion	Ratio	Lower	Upper
69	100		
41	55.3	45.4	68.0
39	35.8	27.4	41.0

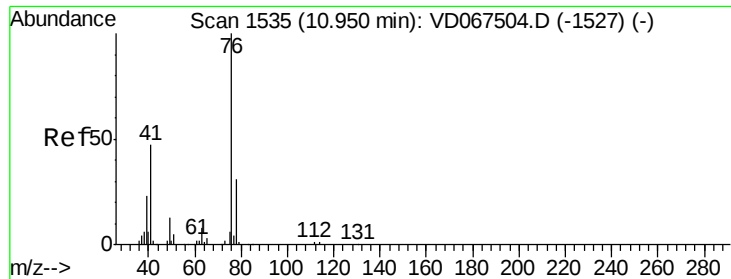


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 22.108 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

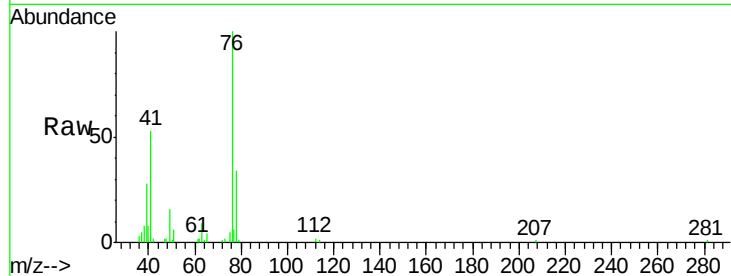
ClientSampleId :

Tot Ion: 76 Resp: 56872

Ion Ratio Lower Upper

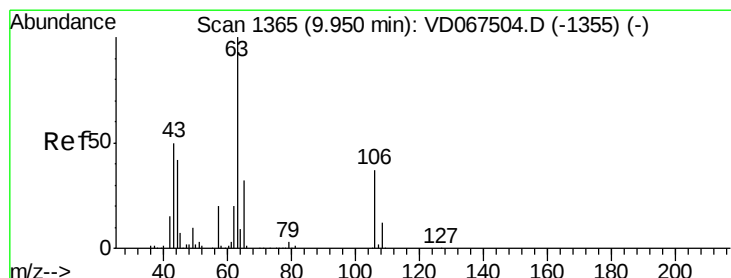
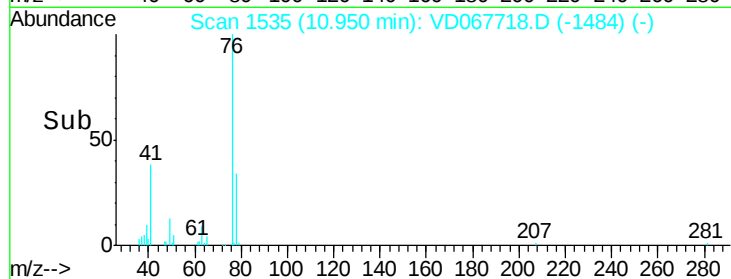
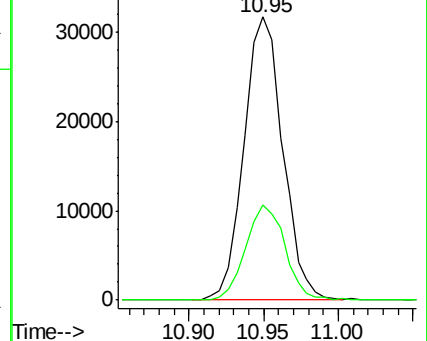
76 100

78 34.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 109.366 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067718.D

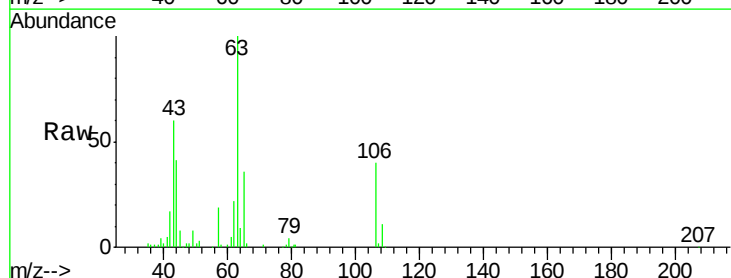
Acq: 20 Nov 2020 12:14

Tgt Ion: 63 Resp: 84195

Ion Ratio Lower Upper

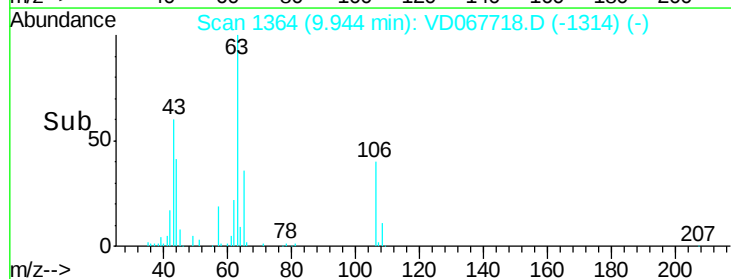
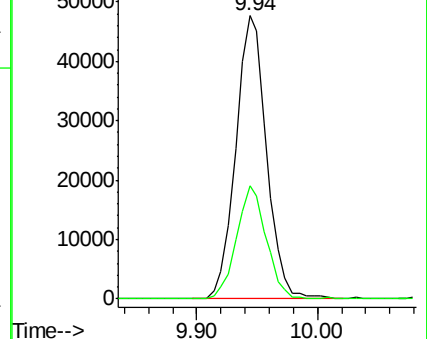
63 100

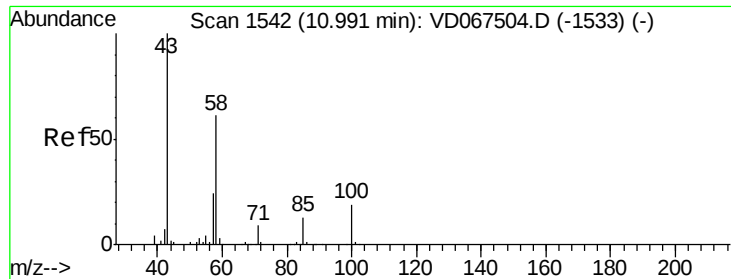
106 38.7 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

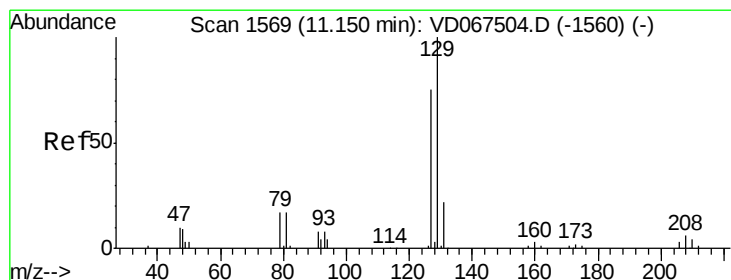
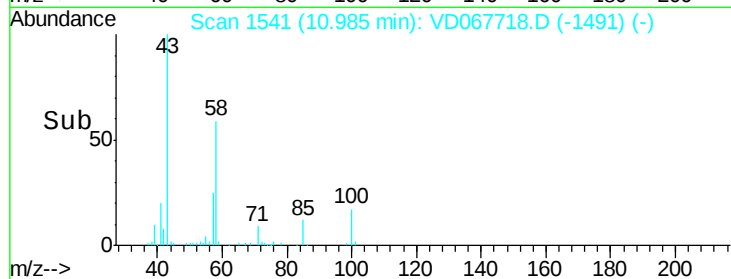
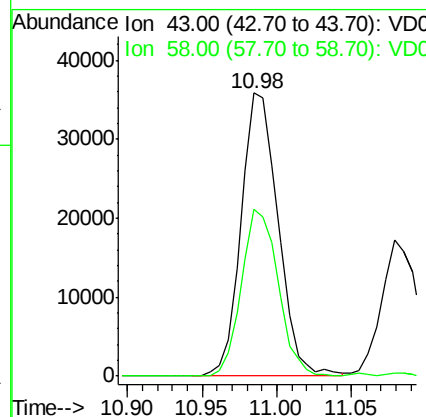
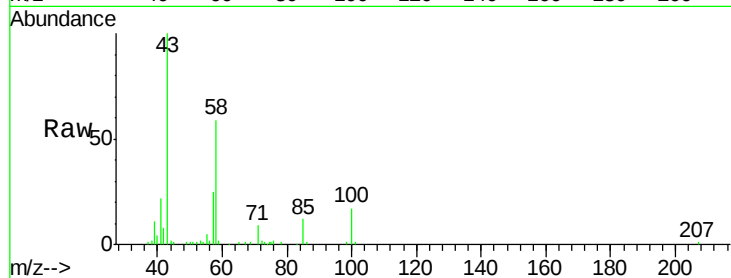




#59
2-Hexanone
Concen: 110.950 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

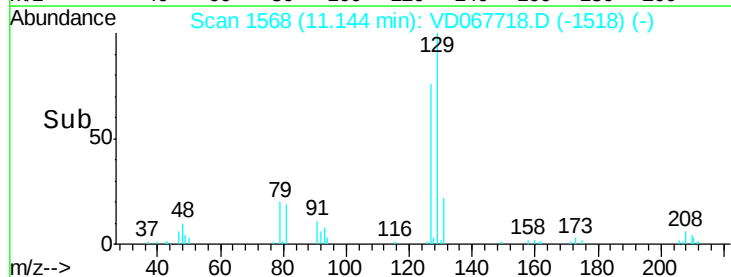
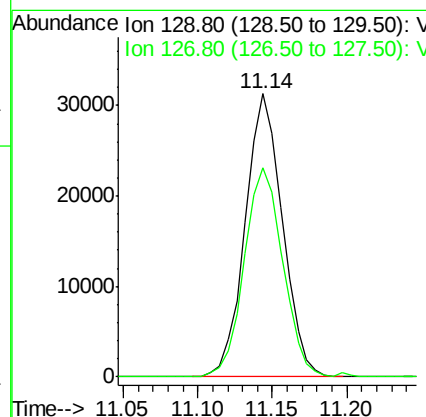
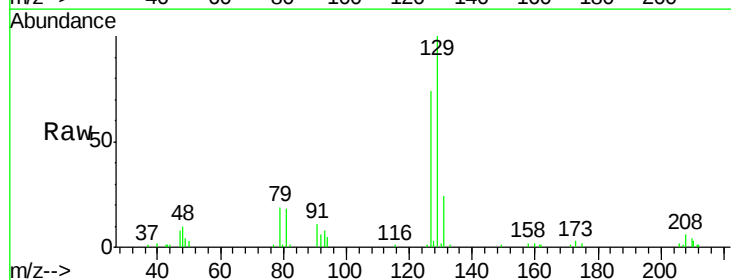
Instrument :
MSVOA_D
ClientSampleId :

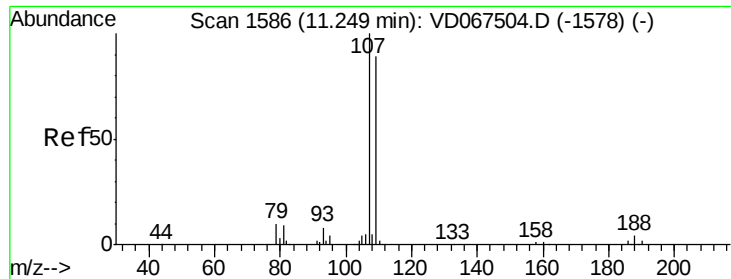
Tot Ion: 43 Resp: 61809
Ion Ratio Lower Upper
43 100
58 58.3 30.3 90.9



#60
Dibromochloromethane
Concen: 22.848 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion: 129 Resp: 54031
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.1

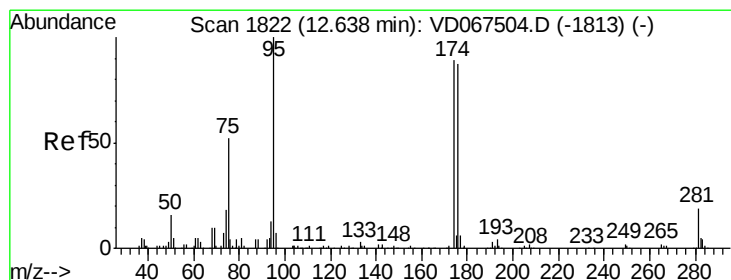
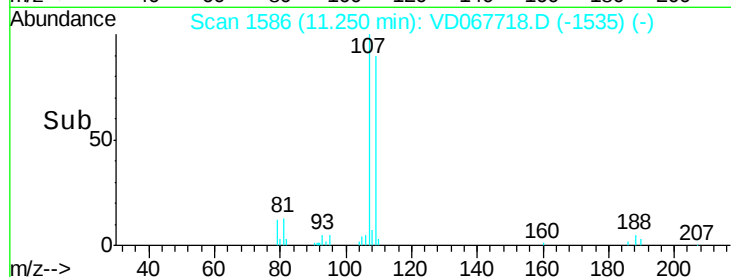
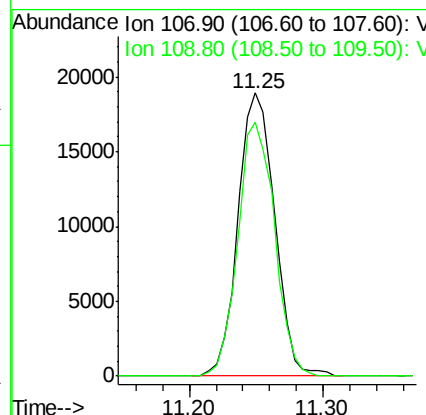
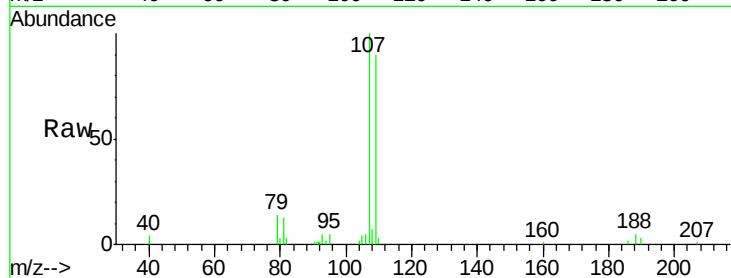




#61
 1,2-Dibromoethane
 Concen: 22.425 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

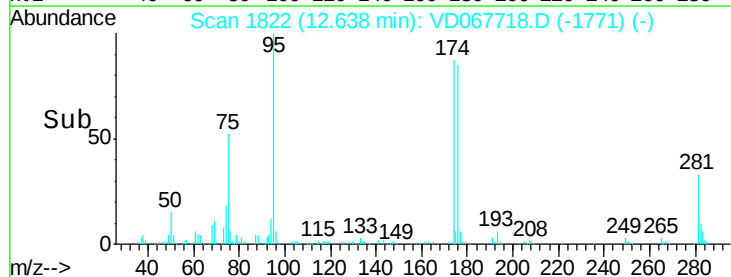
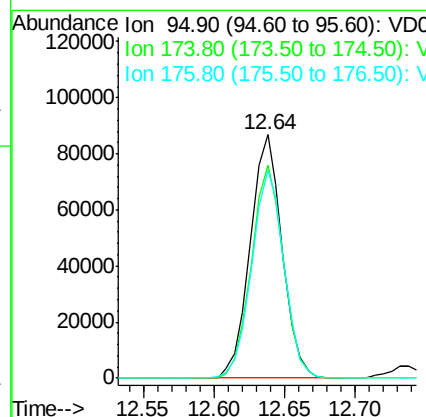
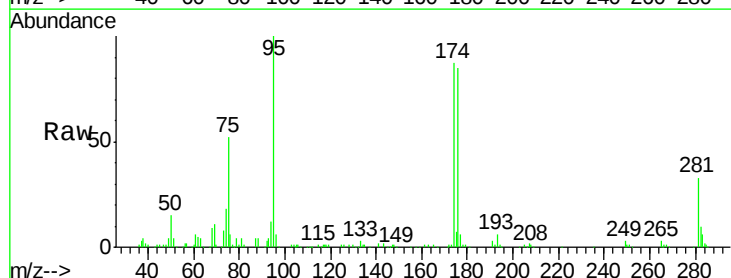
Instrument :
 MSVOA_D
 ClientSampleId :

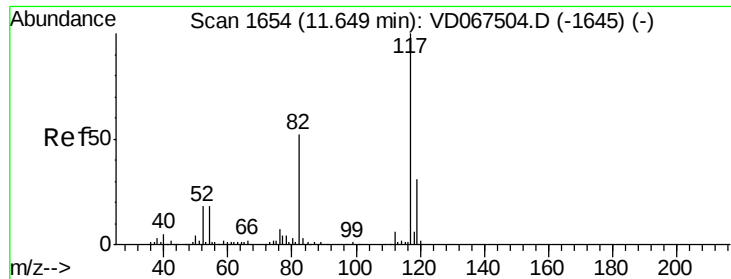
Tot Ion:107 Resp: 35980
 Ion Ratio Lower Upper
 107 100
 109 89.9 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 49.717 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Tgt Ion: 95 Resp: 137761
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 177.8
 176 86.2 0.0 172.0

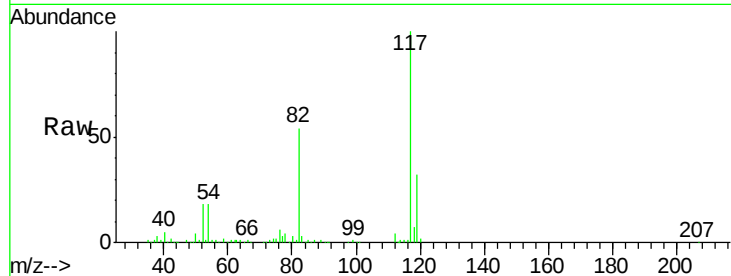




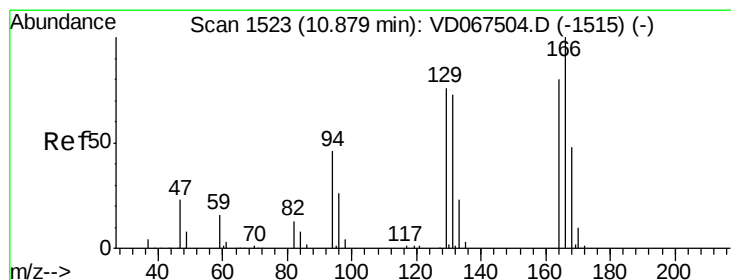
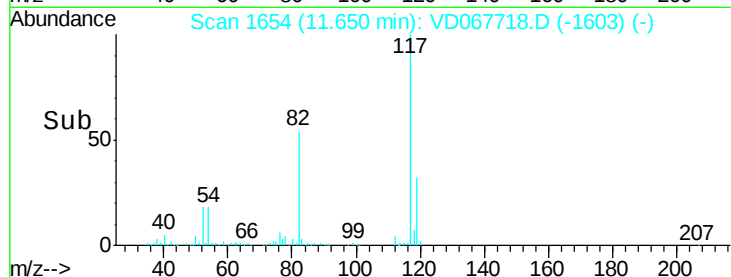
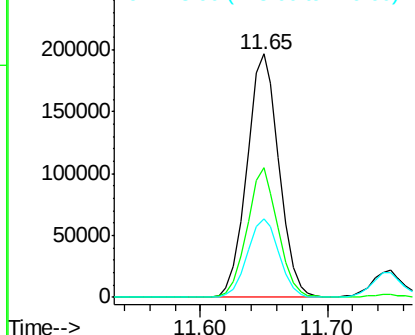
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 345294
Ion Ratio Lower Upper
117 100
82 53.5 41.6 62.4
119 32.0 25.1 37.7

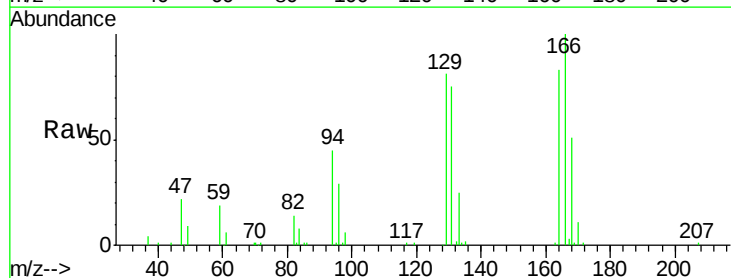


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

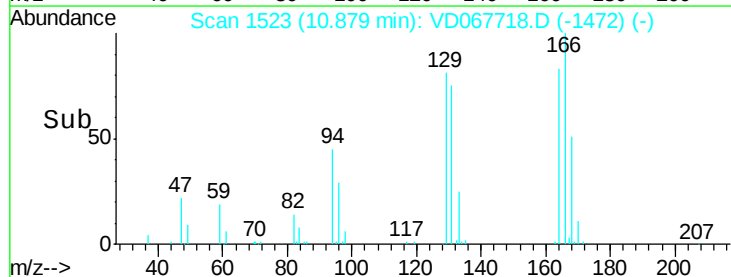
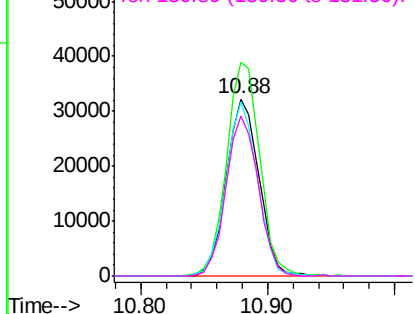


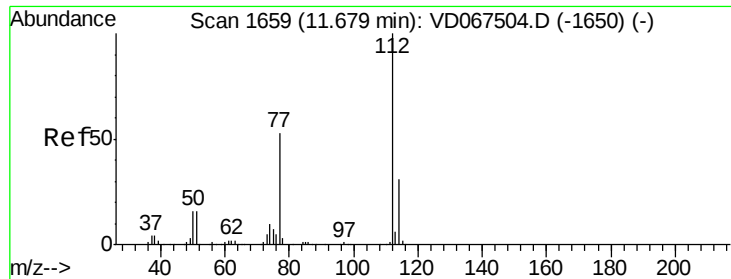
#64
Tetrachloroethene
Concen: 22.358 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion:164 Resp: 57175
Ion Ratio Lower Upper
164 100
166 120.0 99.9 149.9
129 98.2 75.5 113.3
131 90.0 73.4 110.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

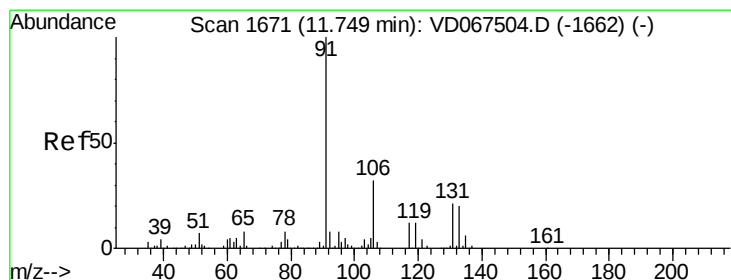
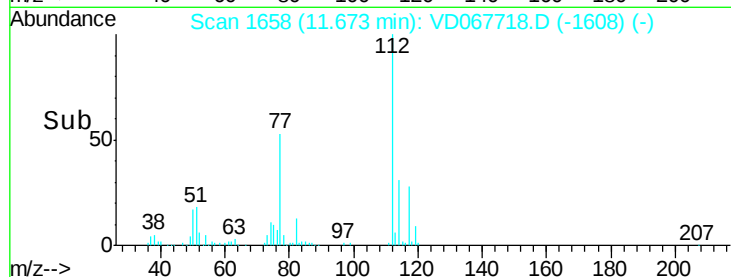
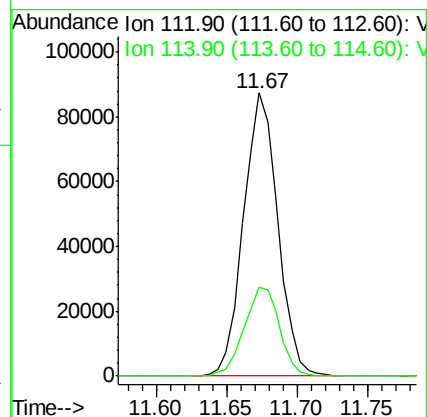
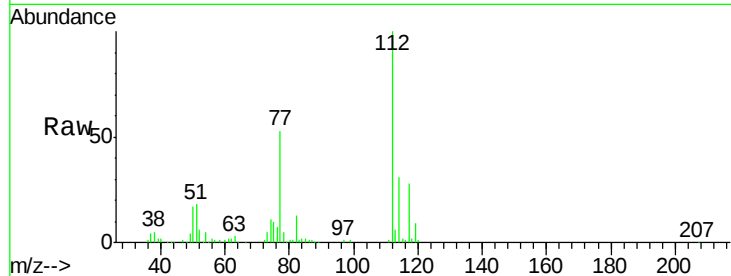




#65
Chlorobenzene
Concen: 22.342 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

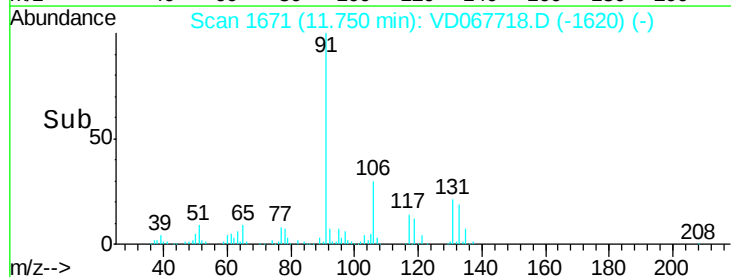
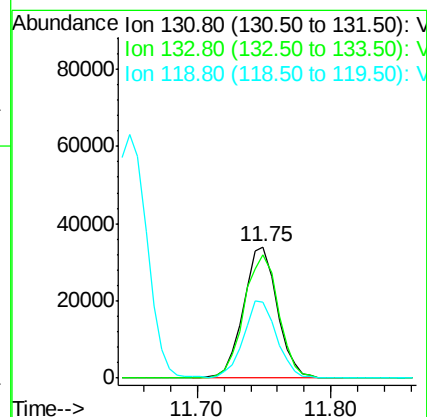
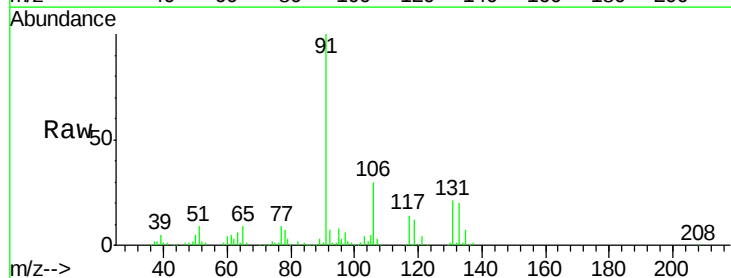
Instrument :
MSVOA_D
ClientSampleId :

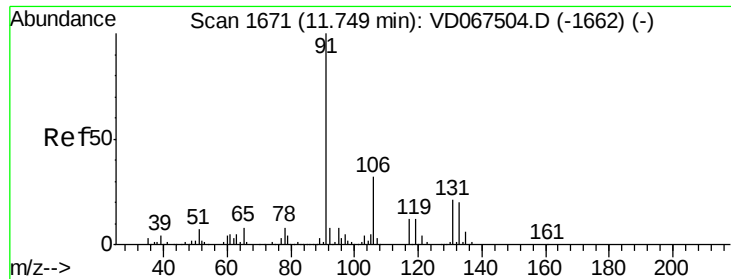
Tot Ion:112 Resp: 148605
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.735 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion:131 Resp: 59599
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 57.6 30.1 90.5





#67

Ethyl Benzene

Concen: 22.607 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

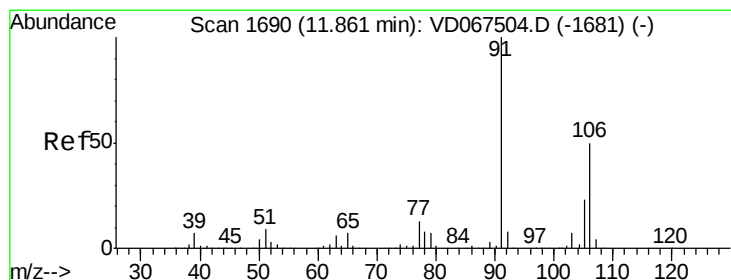
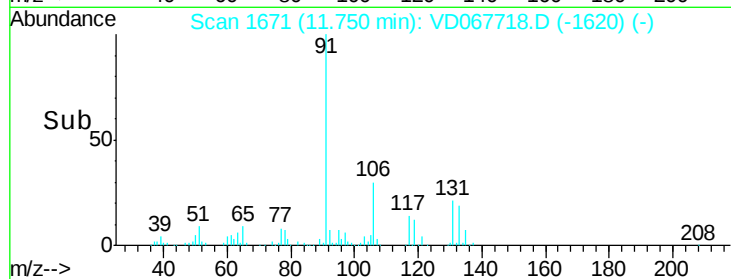
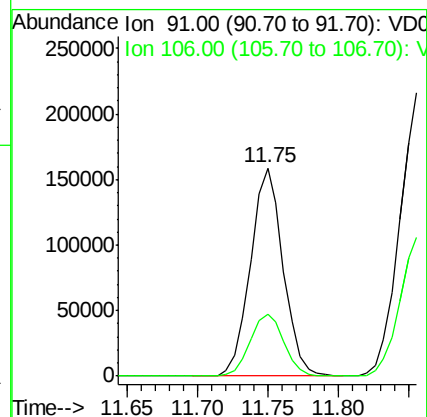
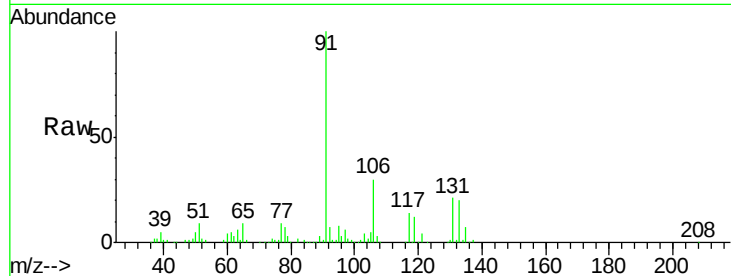
ClientSampled :

Tot Ion: 91 Resp: 257311

Ion Ratio Lower Upper

91 100

106 29.7 25.7 38.5



#68

m/p-Xylenes

Concen: 44.831 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067718.D

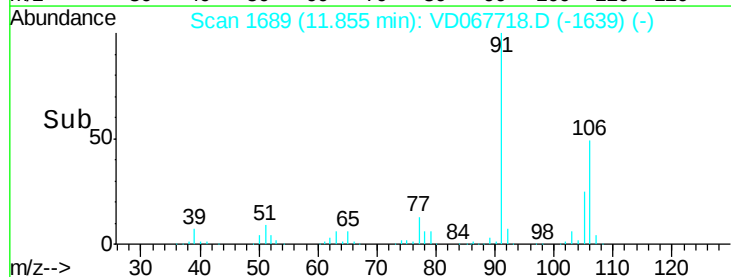
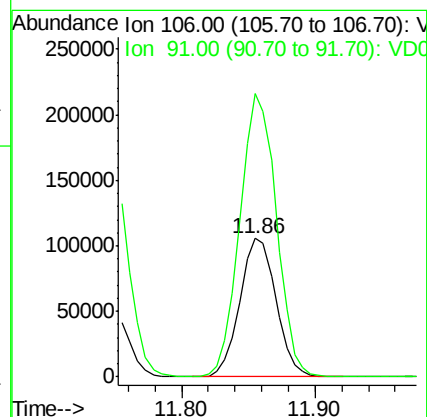
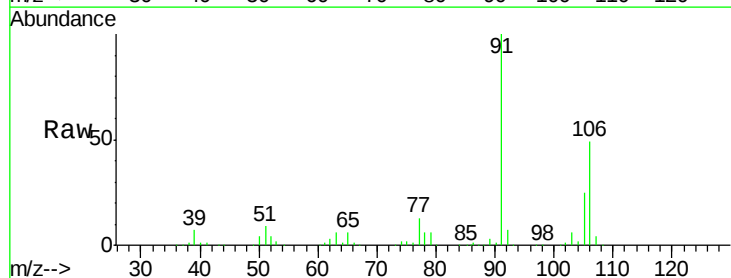
Acq: 20 Nov 2020 12:14

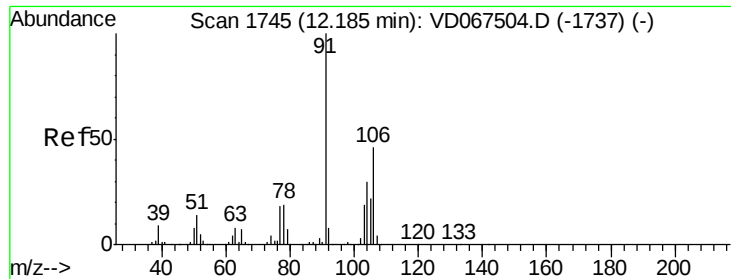
Tgt Ion: 106 Resp: 198511

Ion Ratio Lower Upper

106 100

91 206.2 162.6 244.0

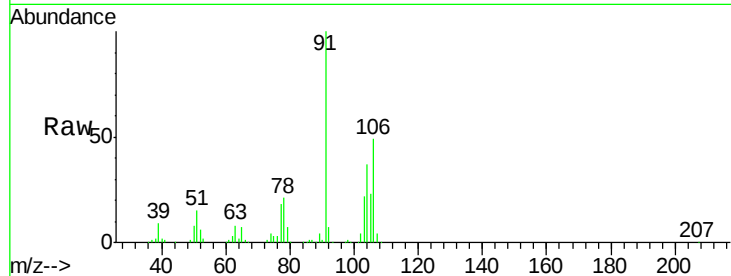




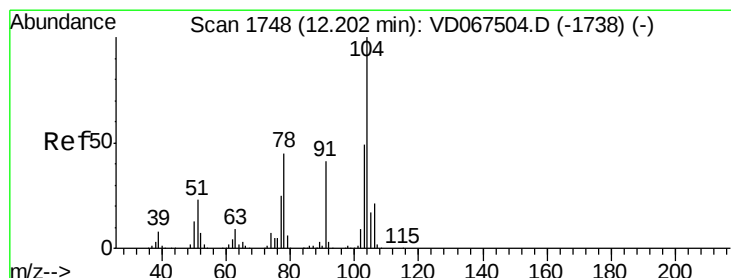
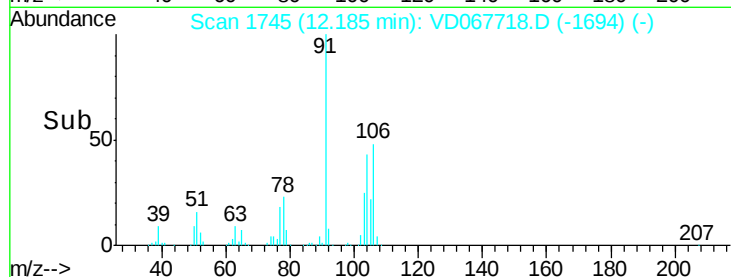
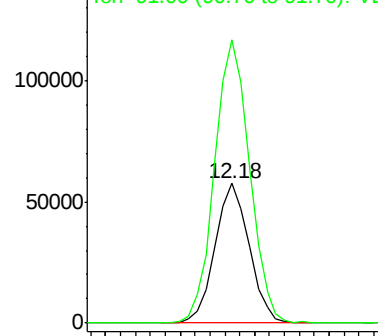
#69
o-Xylene
Concen: 23.040 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 91087
Ion Ratio Lower Upper
106 100
91 208.2 107.1 321.1

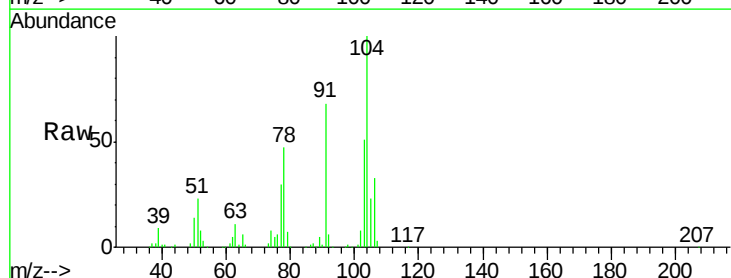


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

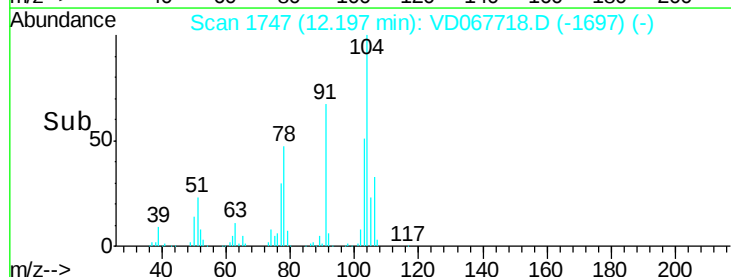
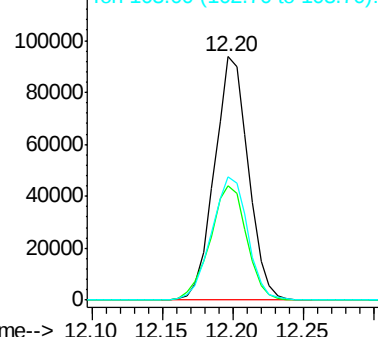


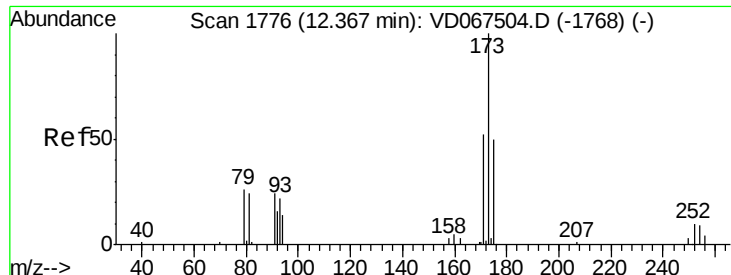
#70
Styrene
Concen: 22.900 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion:104 Resp: 157756
Ion Ratio Lower Upper
104 100
78 50.5 39.8 59.8
103 54.2 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

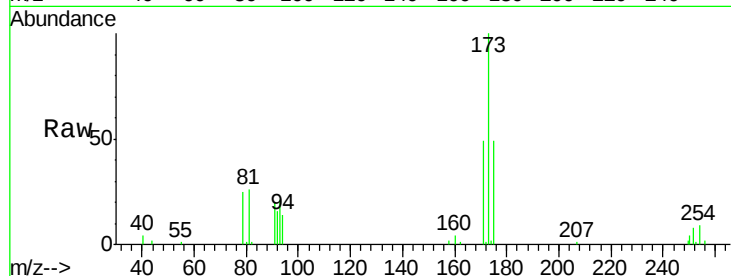




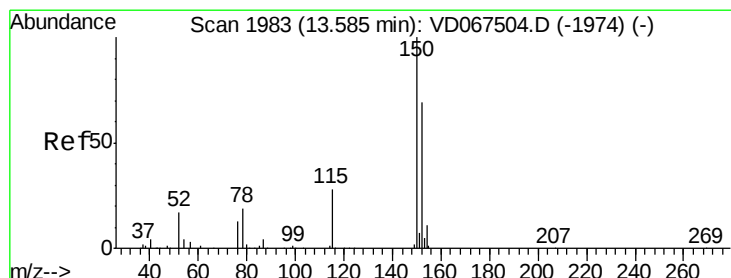
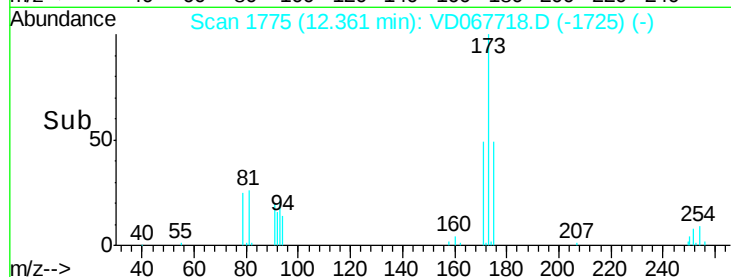
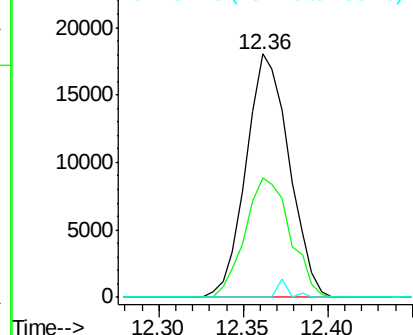
#71
Bromoform
Concen: 24.002 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:173 Resp: 32090
Ion Ratio Lower Upper
173 100
175 51.4 24.1 72.2
254 1.9 0.0 0.0#

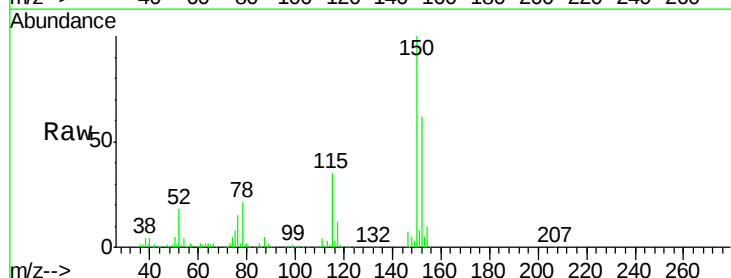


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

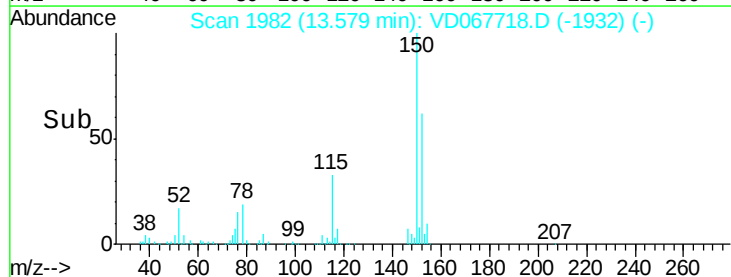
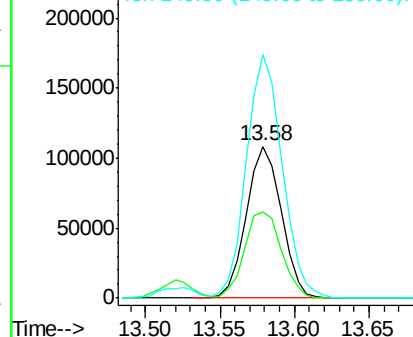


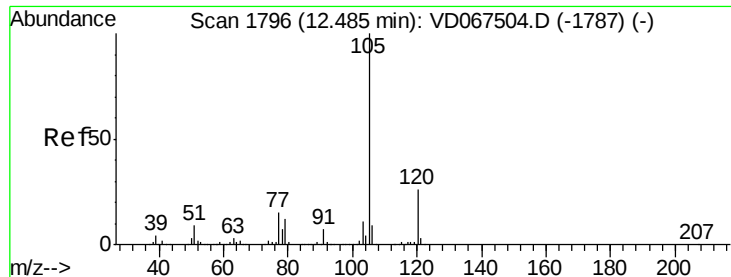
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion:152 Resp: 175216
Ion Ratio Lower Upper
152 100
115 59.8 29.3 88.0
150 165.0 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.722 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

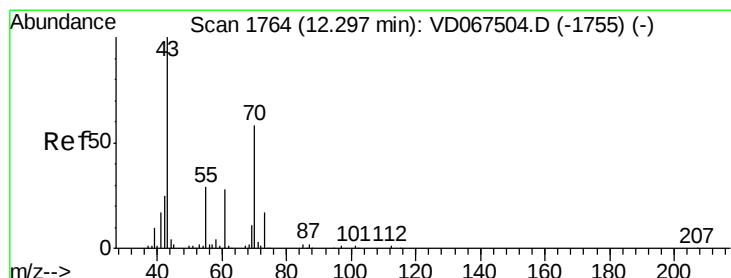
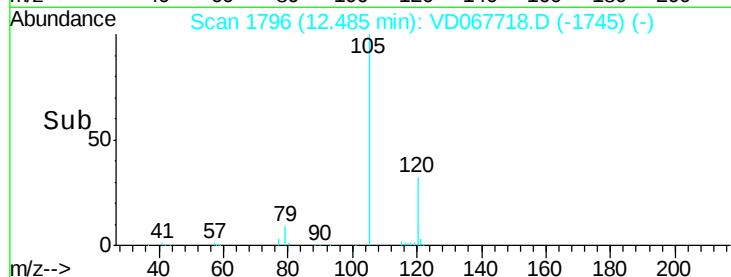
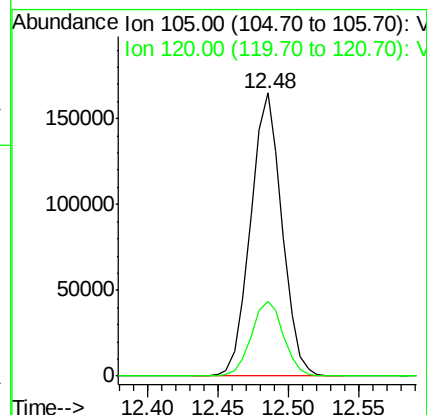
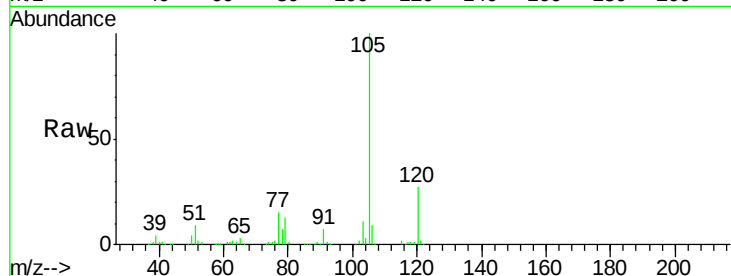
ClientSampleId :

Tot Ion:105 Resp: 257302

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 21.642 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Tgt Ion: 43 Resp: 32248

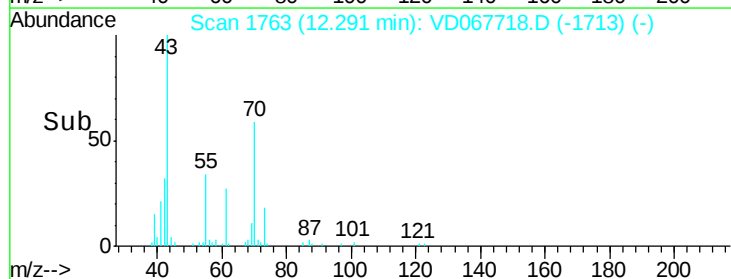
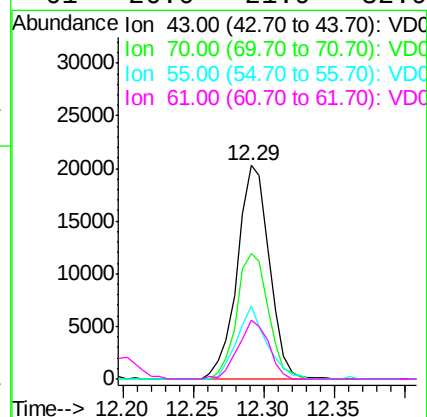
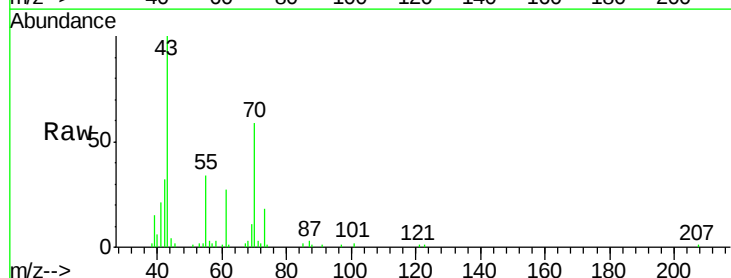
Ion Ratio Lower Upper

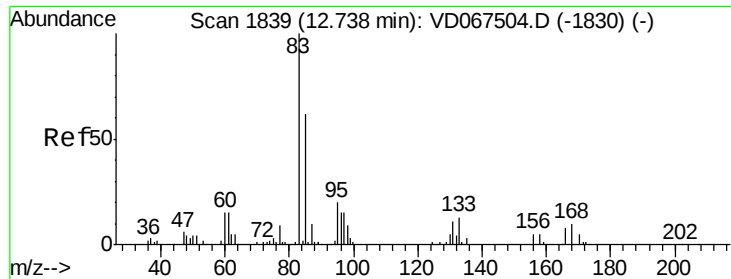
43 100

70 57.7 42.6 64.0

55 31.6 23.7 35.5

61 26.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.936 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

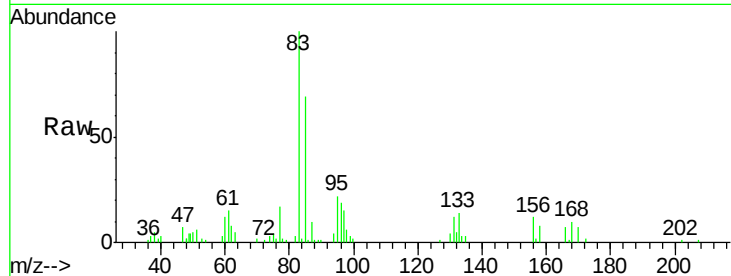
Tot Ion: 83 Resp: 33873

Ion Ratio Lower Upper

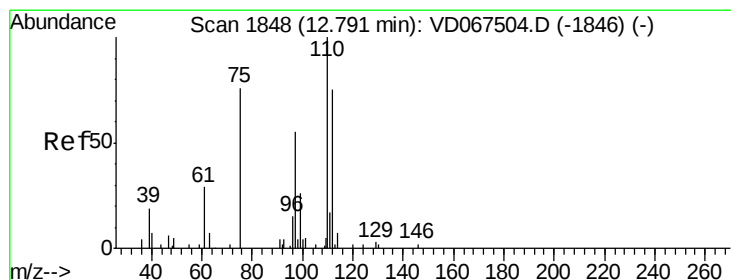
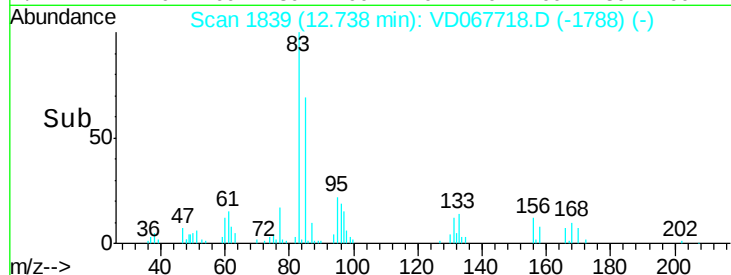
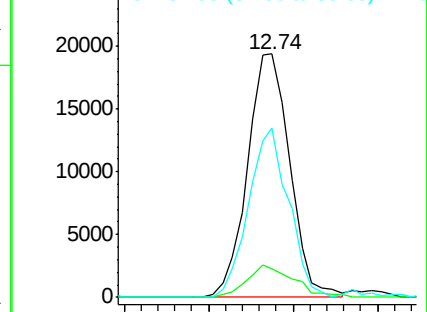
83 100

131 14.7 7.1 21.3

85 65.7 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 45.230 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067718.D

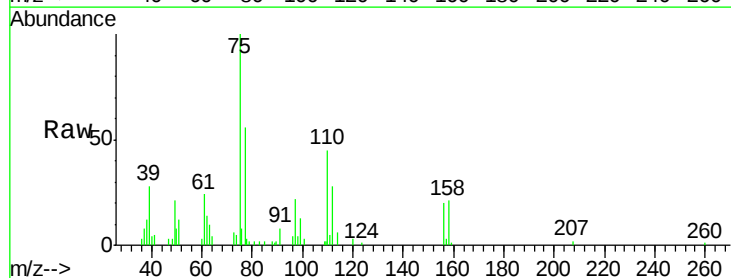
Acq: 20 Nov 2020 12:14

Tgt Ion: 75 Resp: 47808

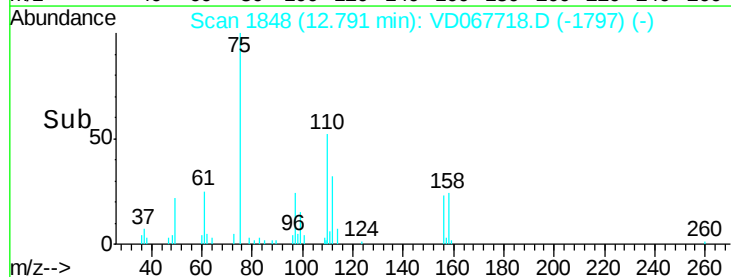
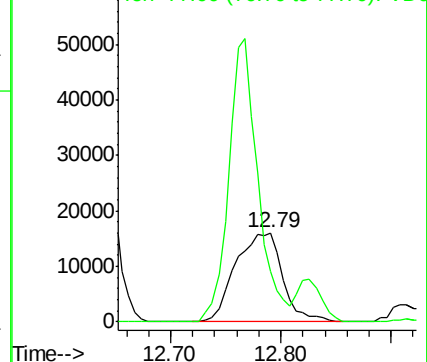
Ion Ratio Lower Upper

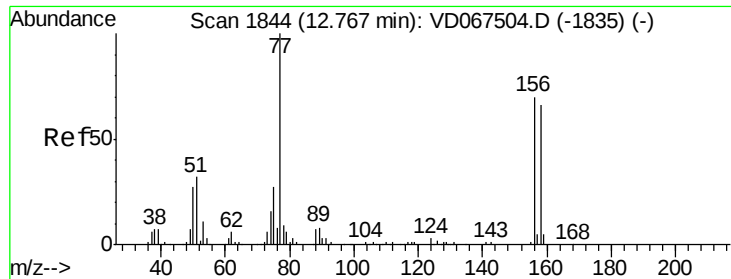
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.546 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

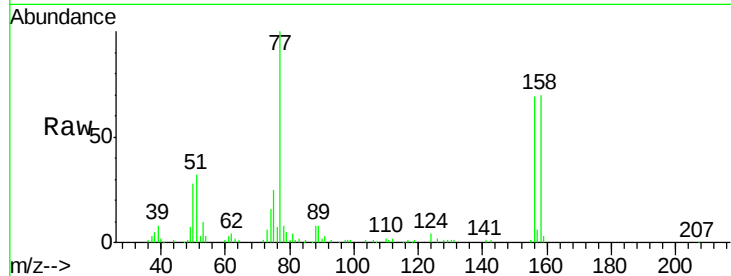
Tot Ion:156 Resp: 62702

Ion Ratio Lower Upper

156 100

77 150.5 77.8 233.5

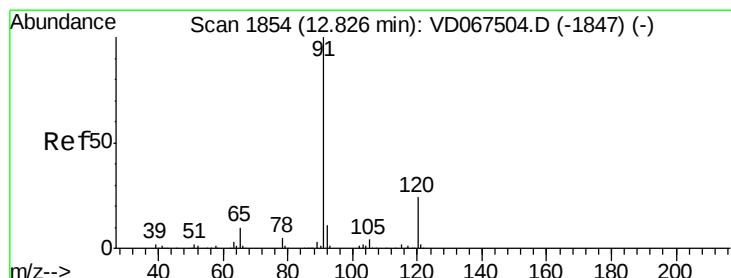
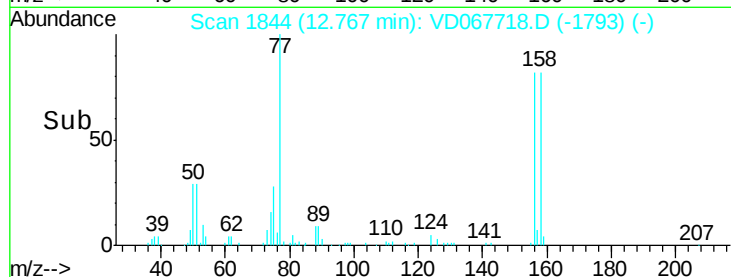
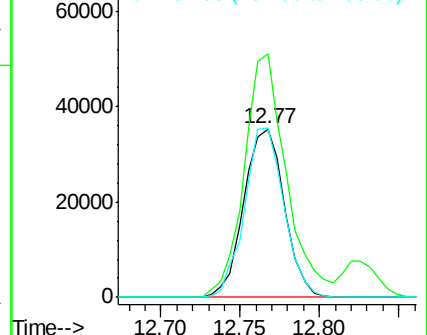
158 97.8 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.342 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067718.D

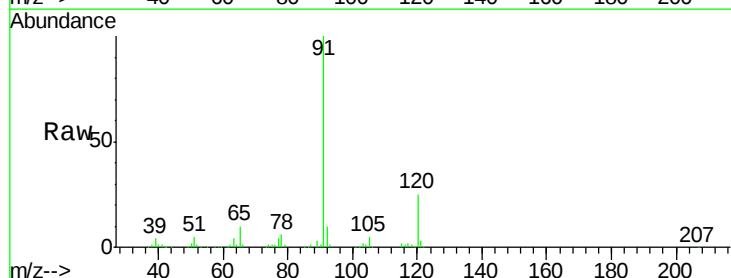
Acq: 20 Nov 2020 12:14

Tgt Ion: 91 Resp: 289383

Ion Ratio Lower Upper

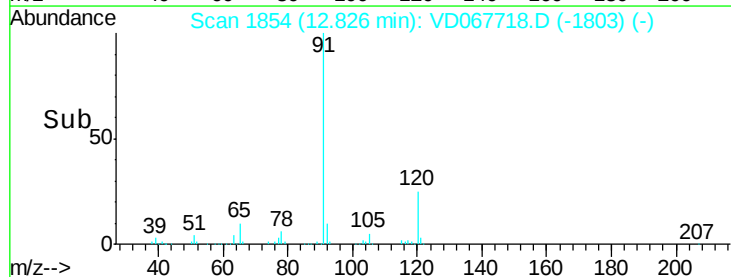
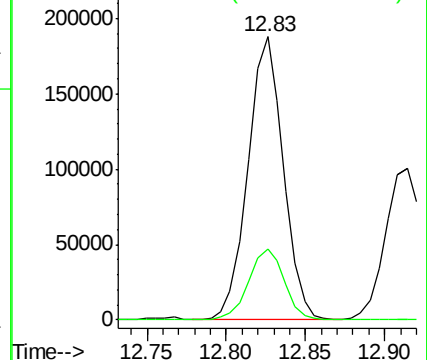
91 100

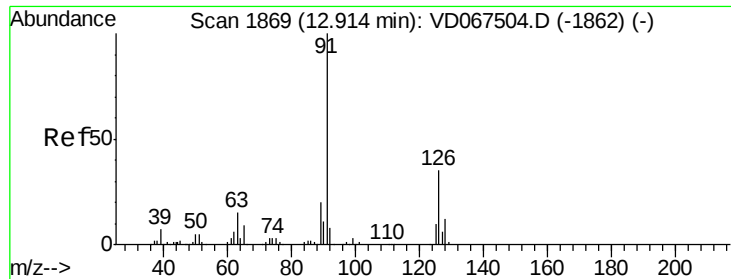
120 25.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

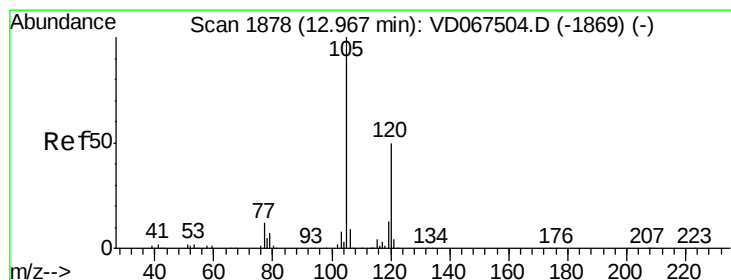
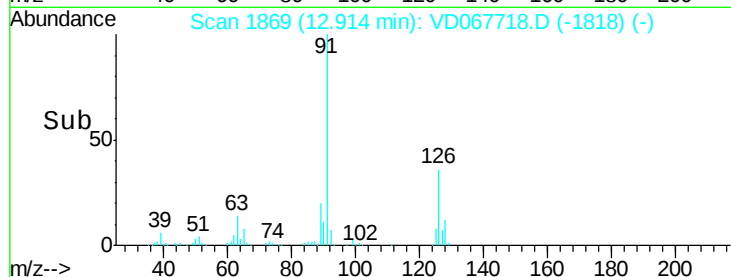
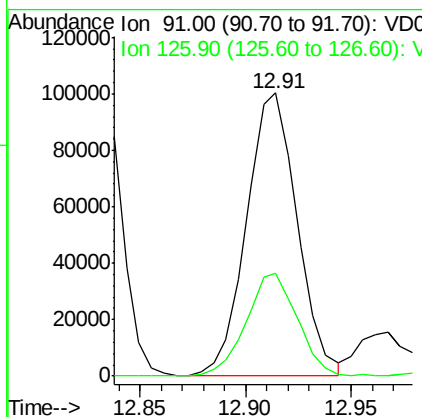
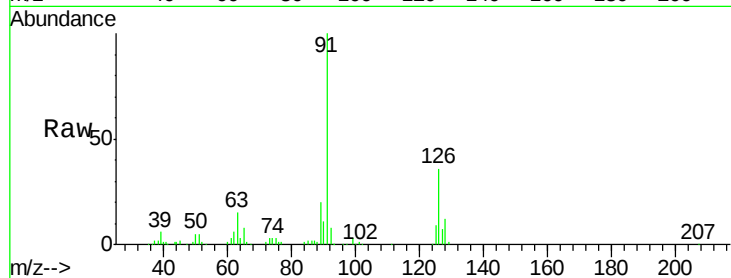




#79
 2-Chlorotoluene
 Concen: 22.682 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

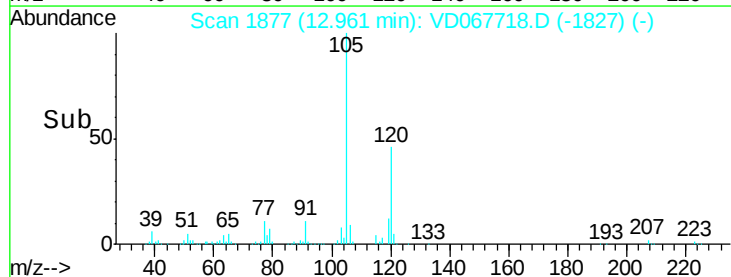
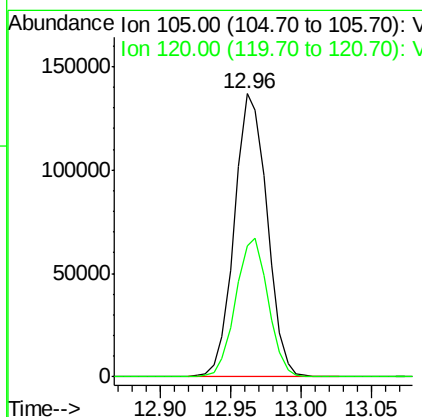
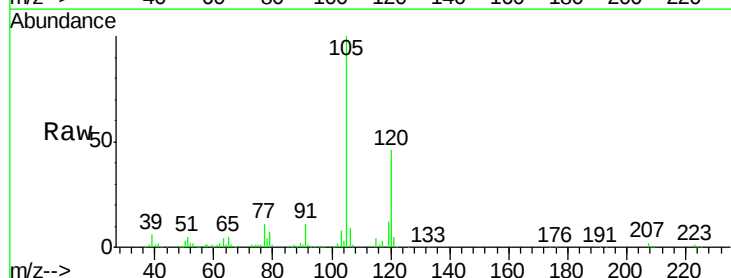
Instrument :
 MSVOA_D
 ClientSampleId :

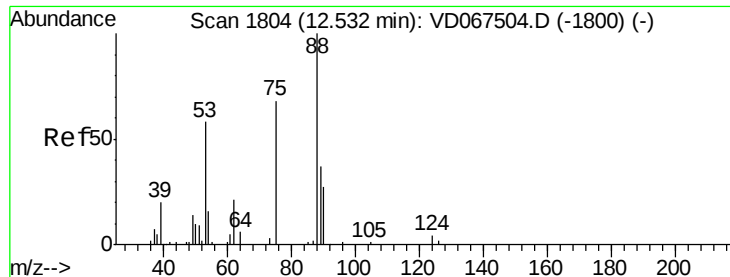
Tot Ion: 91 Resp: 166886
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 22.918 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Tgt Ion: 105 Resp: 221696
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.914 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

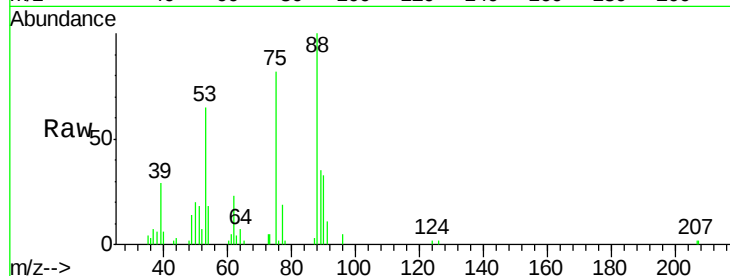
Tot Ion: 75 Resp: 11409

Ion Ratio Lower Upper

75 100

53 94.1 75.9 113.9

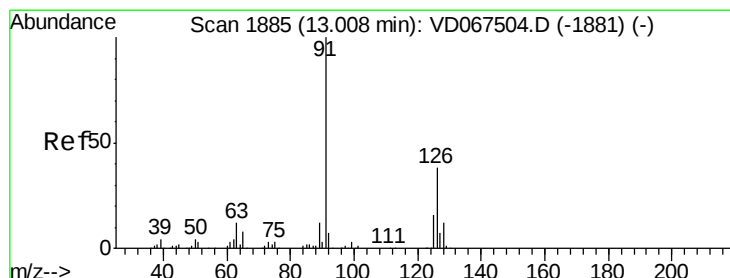
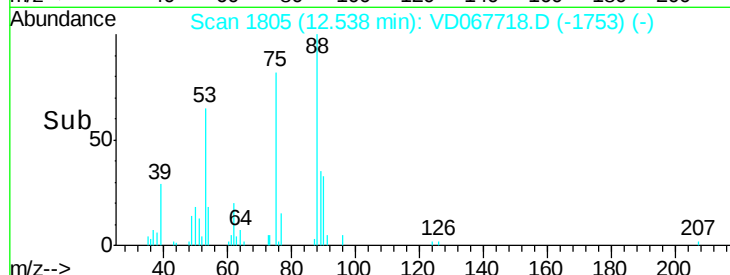
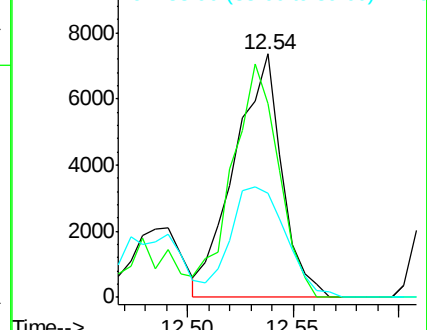
89 53.1 44.6 67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 23.084 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067718.D

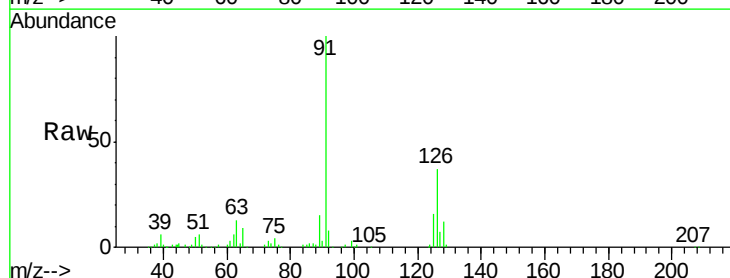
Acq: 20 Nov 2020 12:14

Tgt Ion: 91 Resp: 182163

Ion Ratio Lower Upper

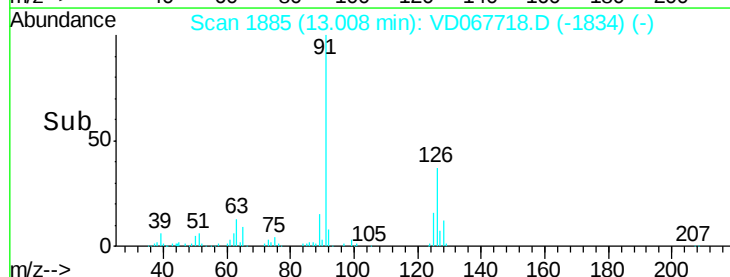
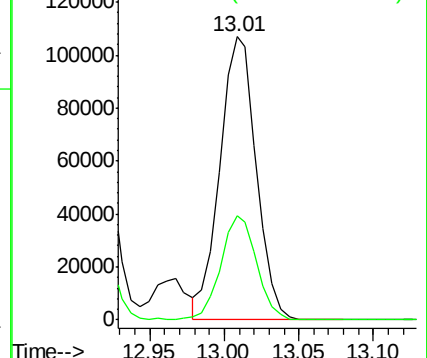
91 100

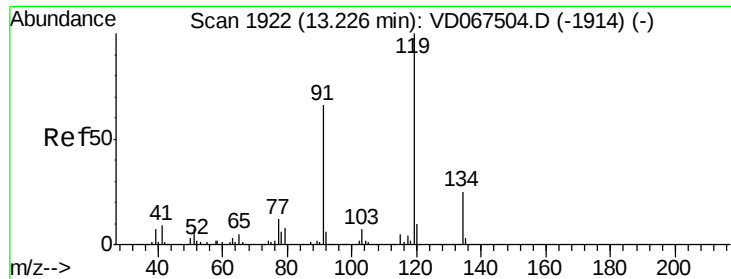
126 36.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

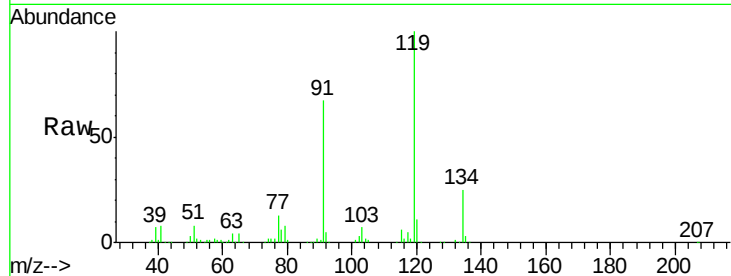




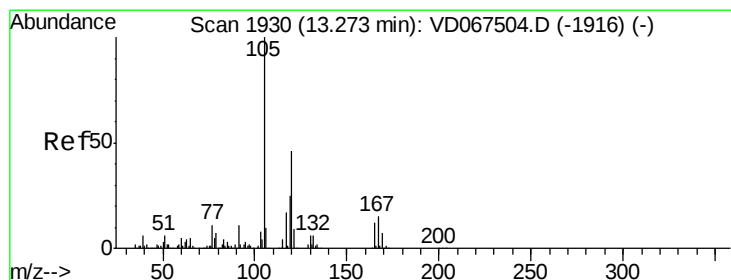
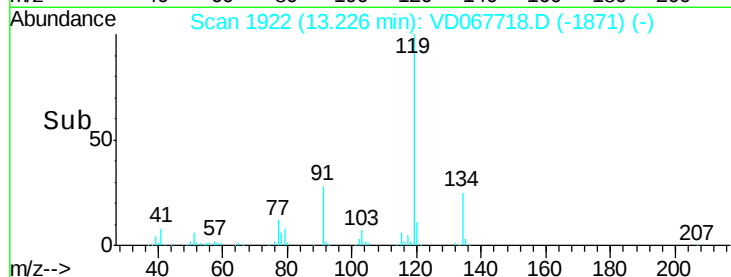
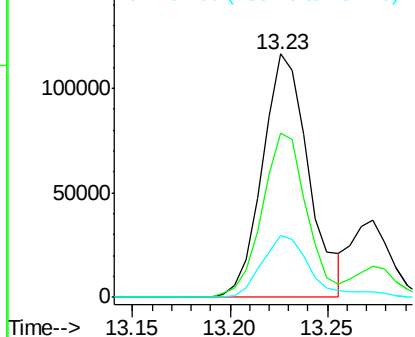
#83
tert-Butylbenzene
Concen: 23.360 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 191509
Ion Ratio Lower Upper
119 100
91 65.0 32.7 98.1
134 27.2 13.4 40.2

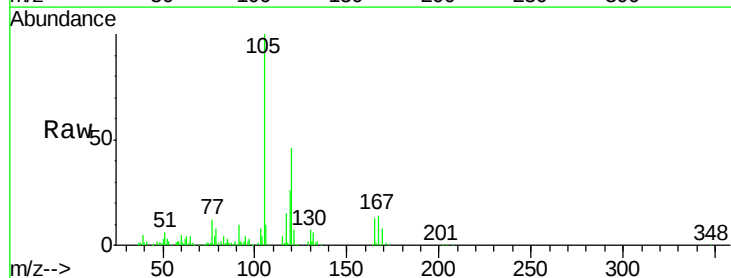


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

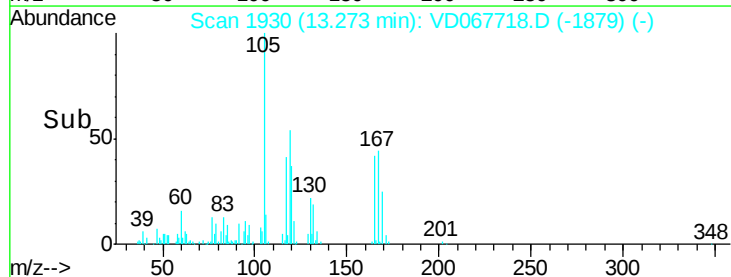
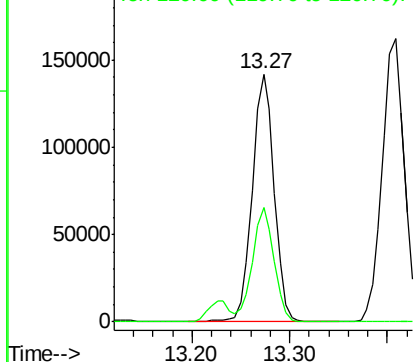


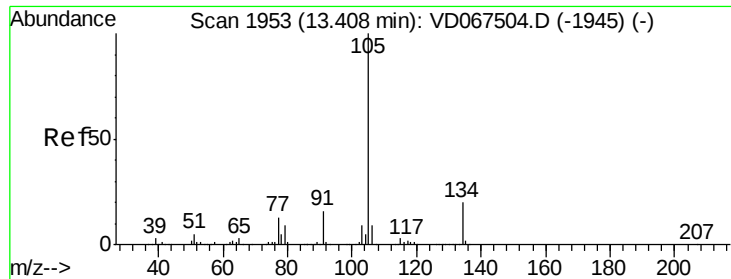
#84
1,2,4-Trimethylbenzene
Concen: 23.360 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion:105 Resp: 224935
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.043 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

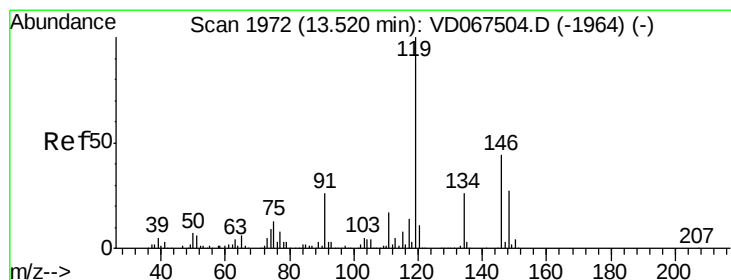
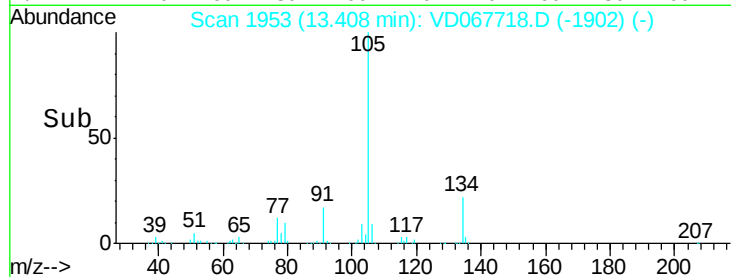
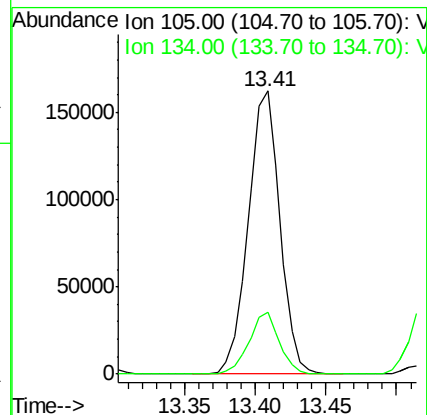
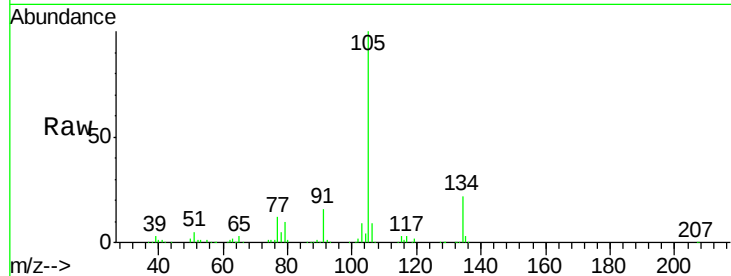
ClientSampleId :

Tot Ion:105 Resp: 255022

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 23.745 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

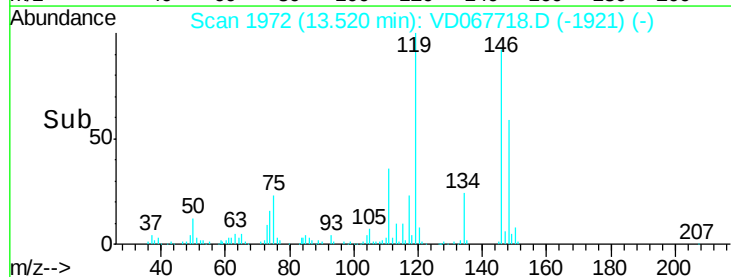
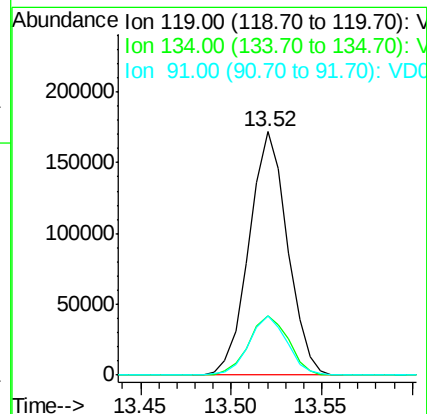
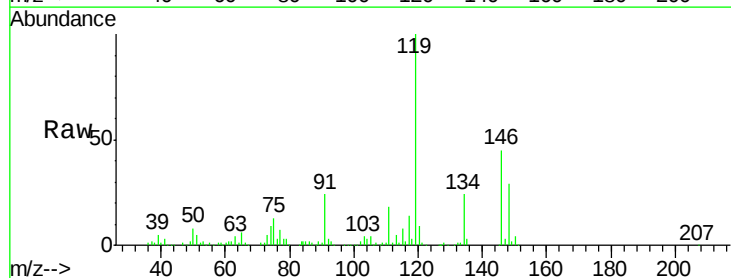
Tgt Ion:119 Resp: 253769

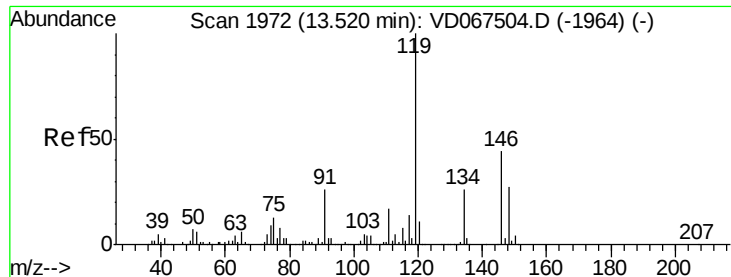
Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 23.466 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampled :

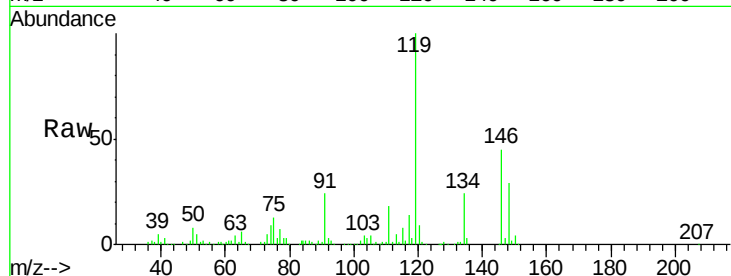
Tot Ion:146 Resp: 124525

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

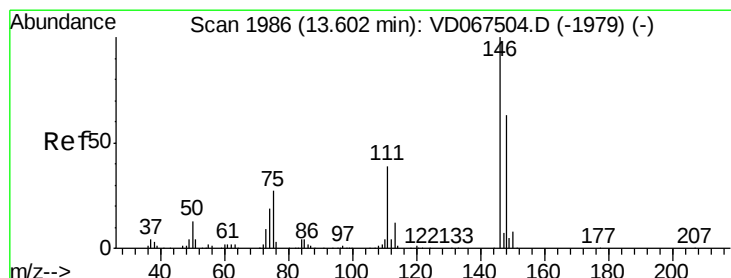
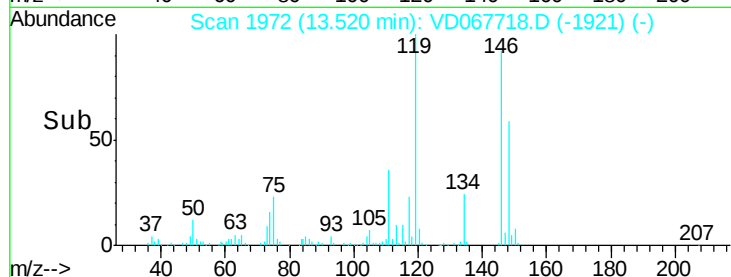
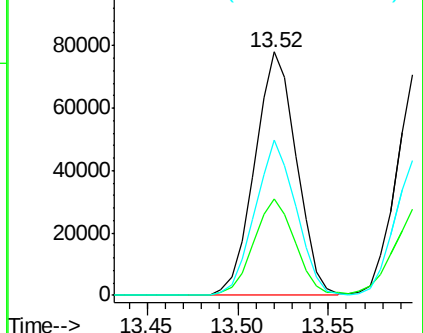
148 63.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 22.570 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

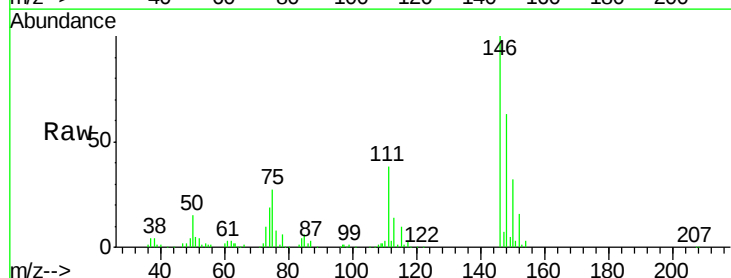
Tgt Ion:146 Resp: 121272

Ion Ratio Lower Upper

146 100

111 40.8 19.6 58.7

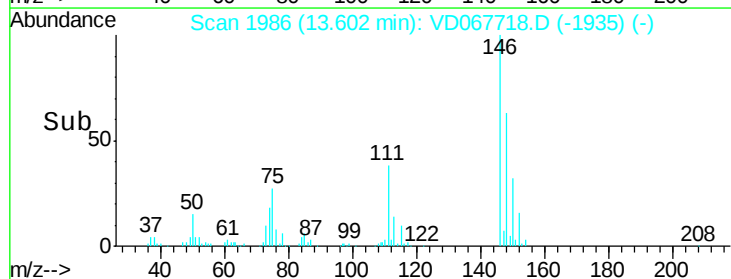
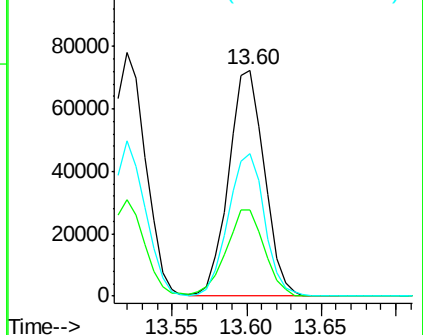
148 64.4 31.8 95.4

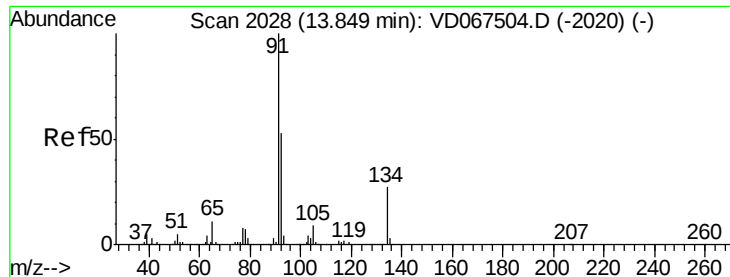


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.699 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

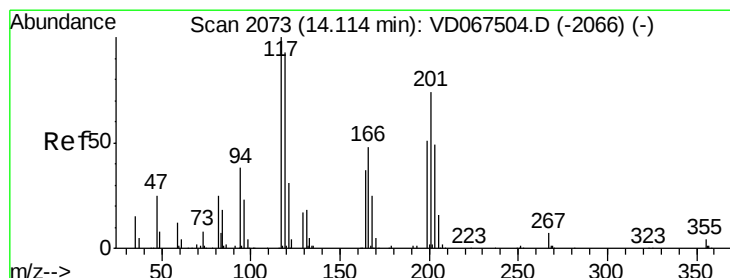
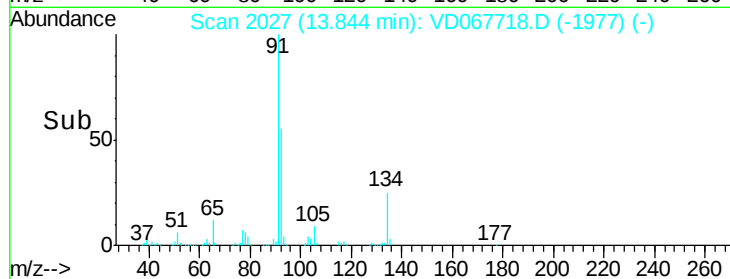
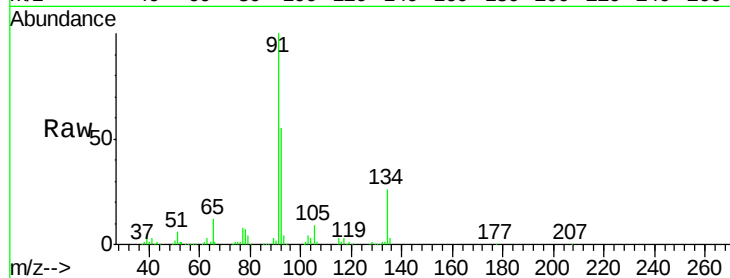
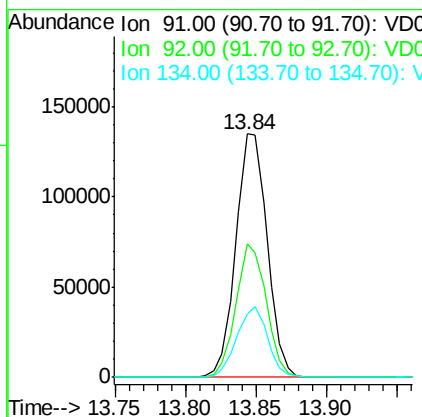
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 91 Resp: 209547

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	28.5	14.1	42.2



#90

Hexachloroethane

Concen: 22.892 ug/l

RT: 14.11 min Scan# 2073

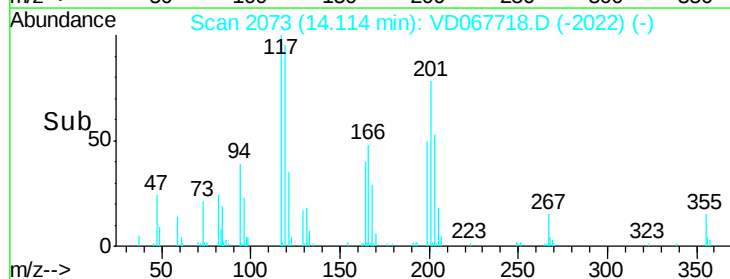
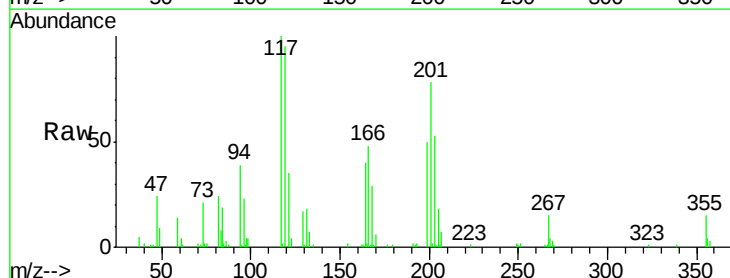
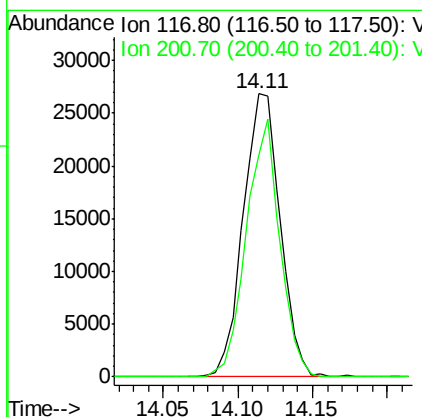
Delta R.T. 0.00 min

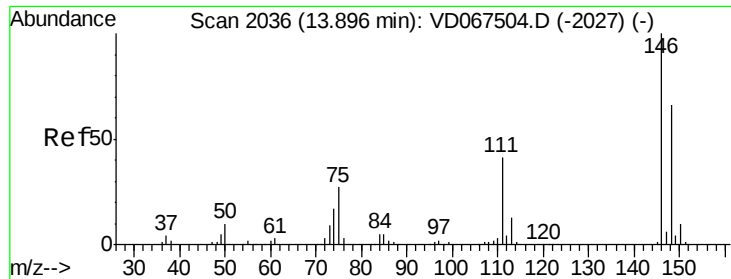
Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Tgt Ion: 117 Resp: 46072

Ion	Ratio	Lower	Upper
117	100		
201	82.1	40.7	122.1





#91

1,2-Dichlorobenzene

Concen: 23.573 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

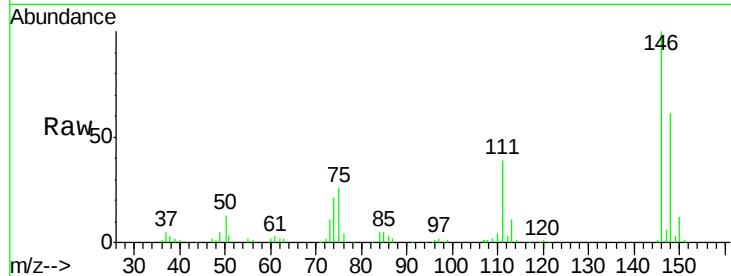
Tot Ion:146 Resp: 108263

Ion Ratio Lower Upper

146 100

111 40.0 20.7 62.1

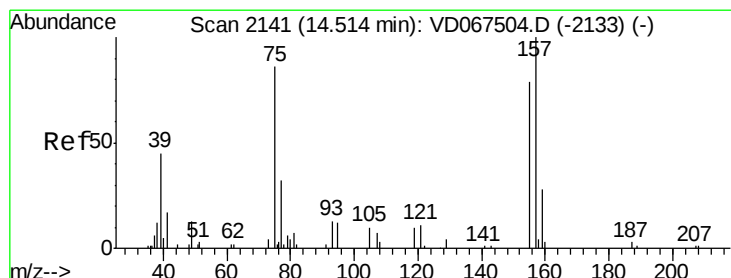
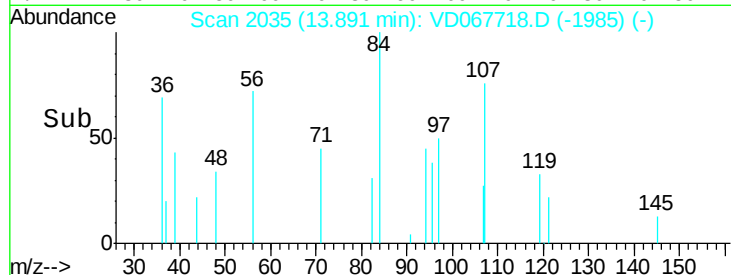
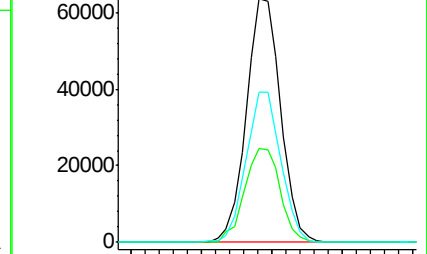
148 62.5 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.076 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067718.D

Acq: 20 Nov 2020 12:14

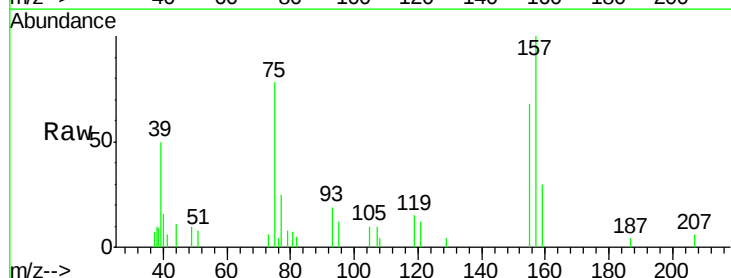
Tgt Ion: 75 Resp: 6309

Ion Ratio Lower Upper

75 100

155 92.7 46.6 139.8

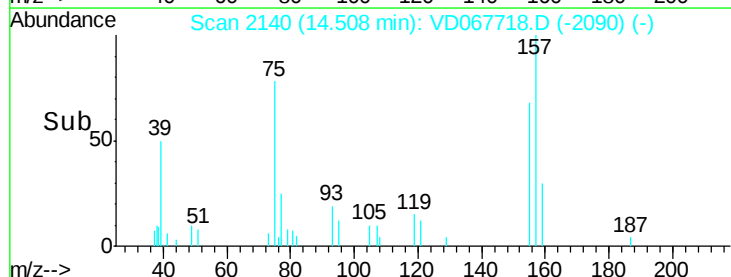
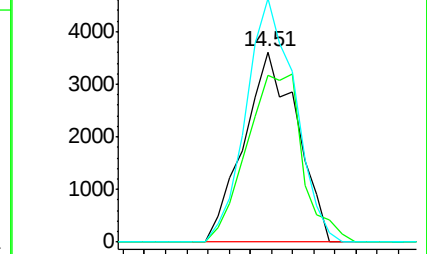
157 118.1 58.1 174.2

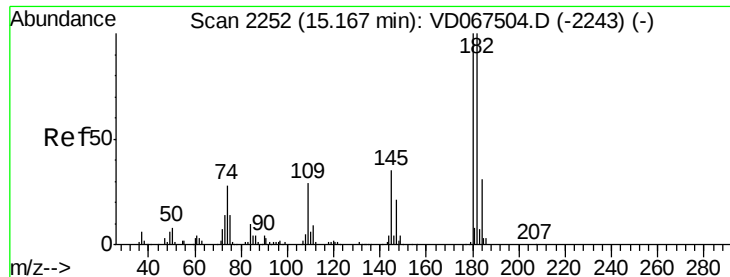


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

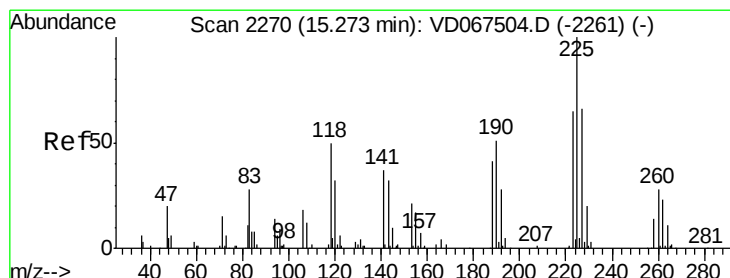
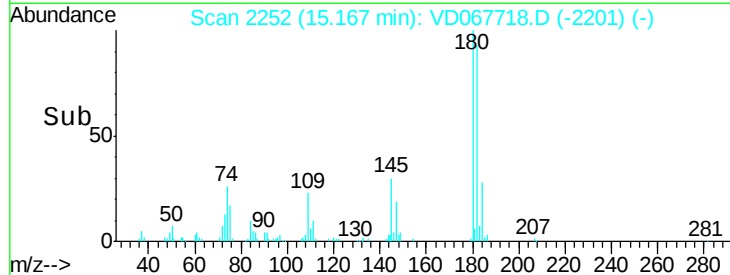
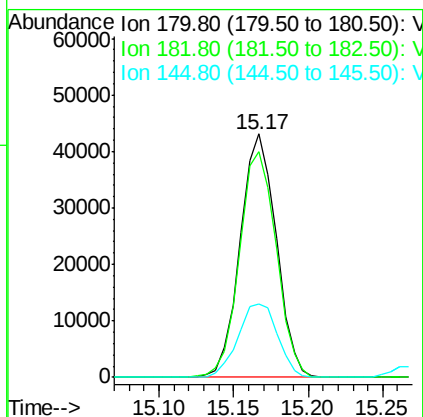
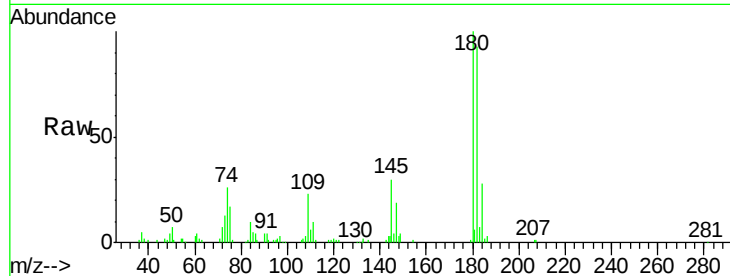




#93
 1,2,4-Trichlorobenzene
 Concen: 23.110 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

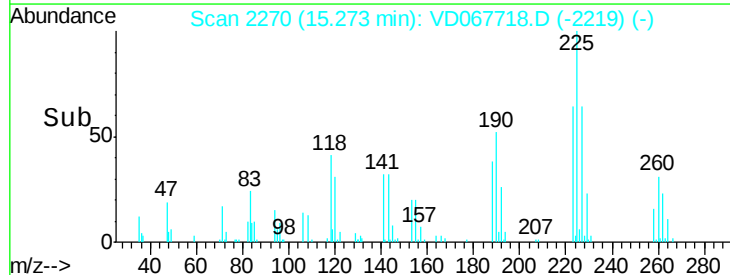
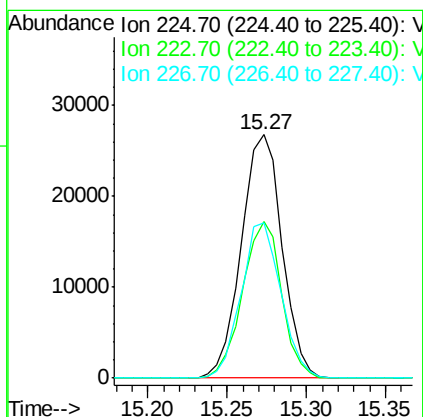
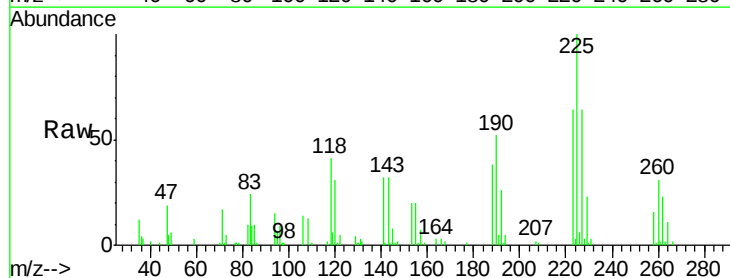
Instrument :
 MSVOA_D
 ClientSampleId :

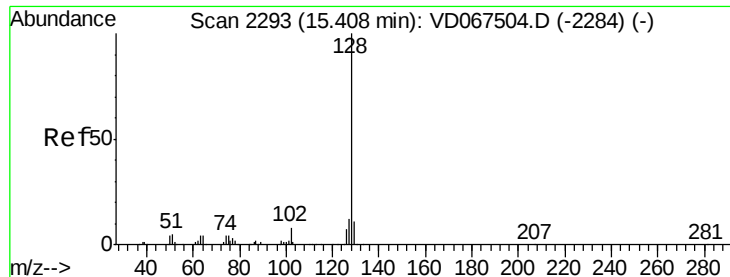
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	33.1	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 22.938 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067718.D
 Acq: 20 Nov 2020 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.9	95.5
227	62.6	32.5	97.4

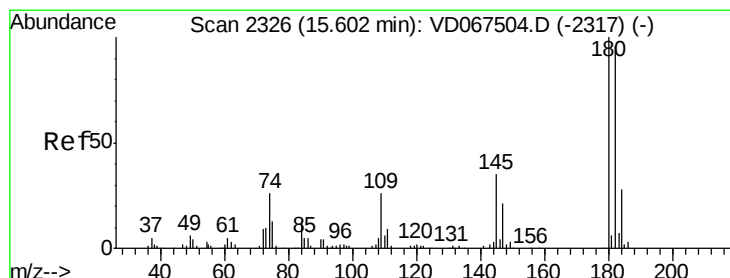
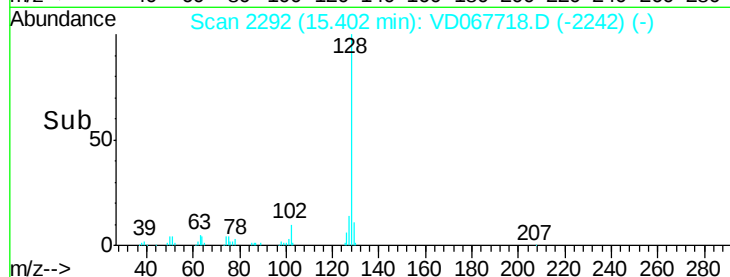
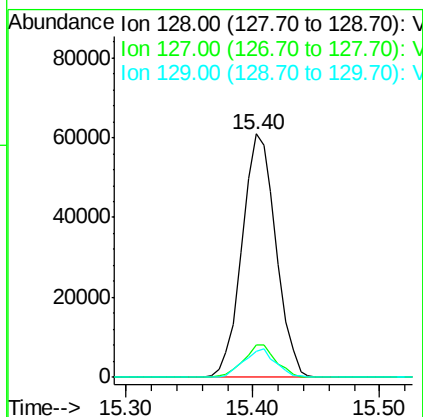
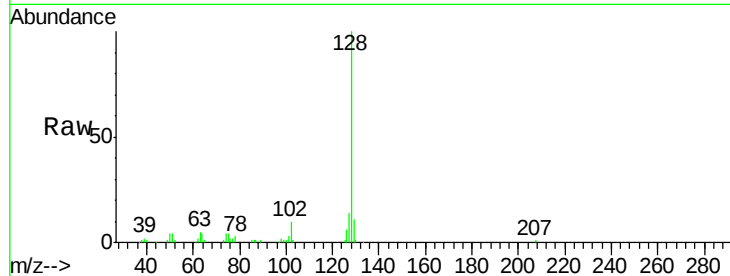




#95
Naphthalene
Concen: 23.459 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 112851
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.906 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067718.D
Acq: 20 Nov 2020 12:14

Tgt Ion:180 Resp: 61144
Ion Ratio Lower Upper
180 100
182 98.7 46.9 140.8
145 35.5 17.1 51.2

